



# Linguagem de Programação

Variáveis e Tipos – Entrada e Saída

**GLOSSÁRIO**

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# Glossário



Arquivo



Programa



Comando



Pasta



Computador



Listar



Criar



Terminal



Entrar



Código



Compilar



Voltar



Aluno



Executar





# Glossário



Variável



Resto Divisão



Somar



Raiz Quadrada



Subtrair



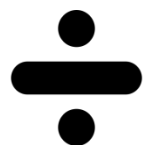
Potência



Multiplicar



printf



Dividir



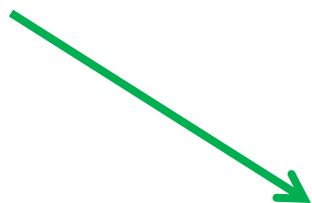
scanf



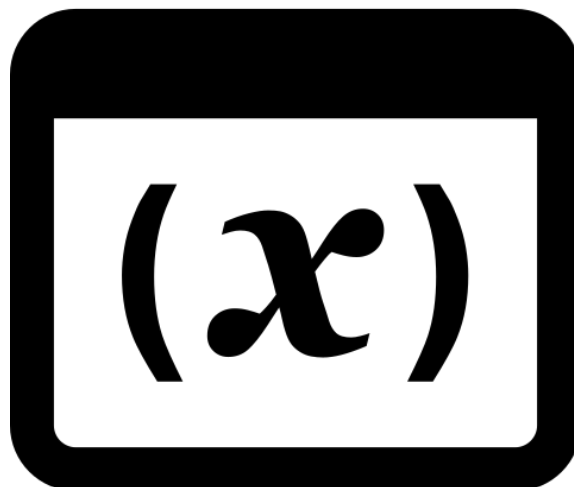


# Glossário: Variável $(x)$

Declarar



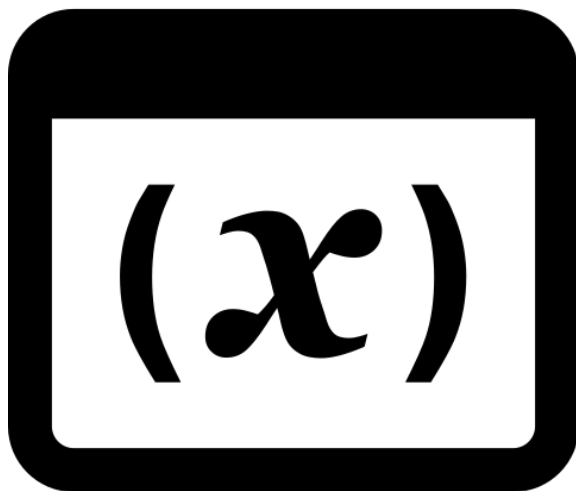
Criar



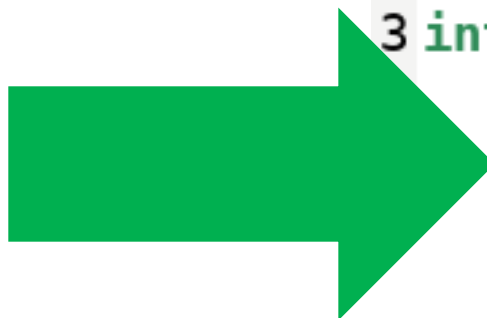


# Glossário: Variável

*valor*



*int*

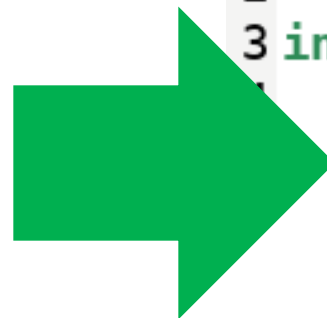
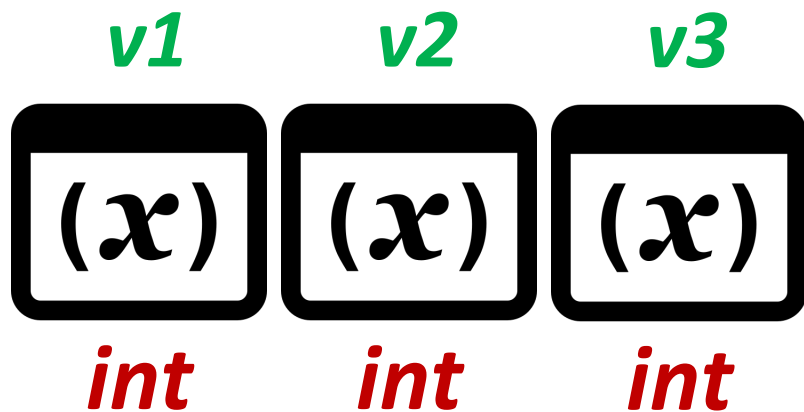


```
1 #include <stdio.h>
2
3 int main() {
    int valor;
```





# Glossário: Variável



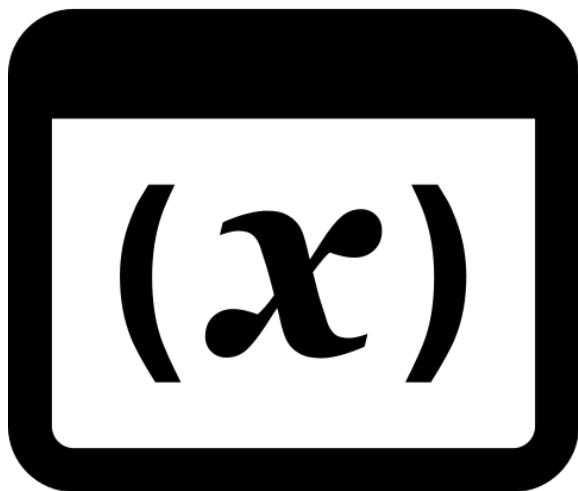
```
1 #include <stdio.h>
2
3 int main() {
4
5     int v1, v2, v3;
```



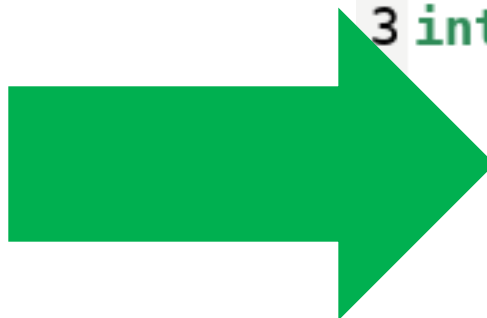


# Glossário: Variável

*letra*



*char*

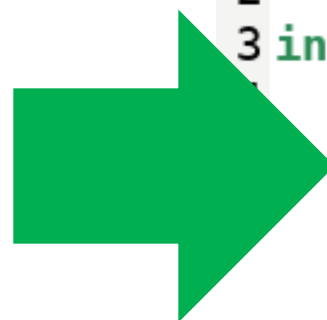
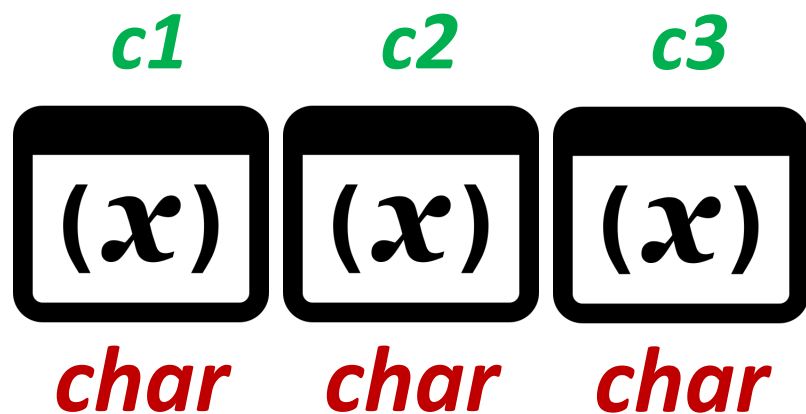


```
1 #include <stdio.h>
2
3 int main() {
    char letra;
```





# Glossário: Variável



```
1 #include <stdio.h>
2
3 int main() {
    char c1, c2, c3;
```

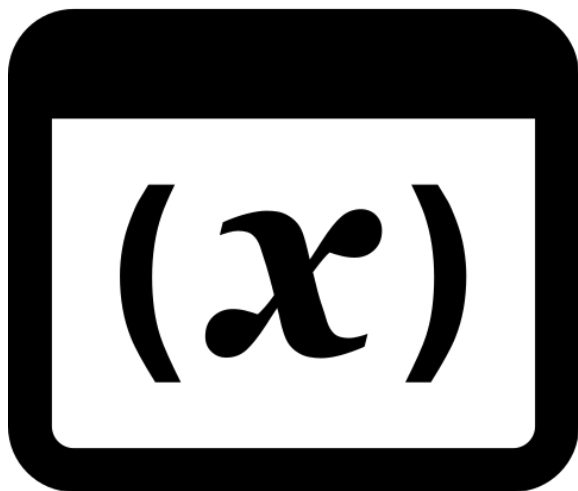




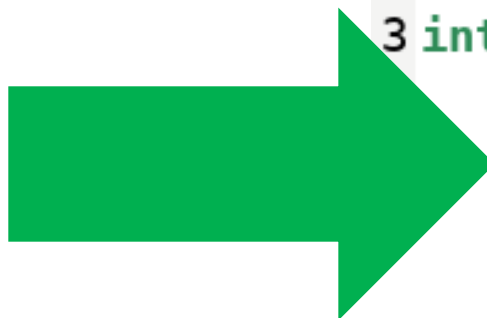


# Glossário: Variável

*hipotenusa*



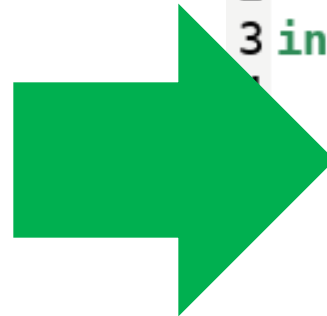
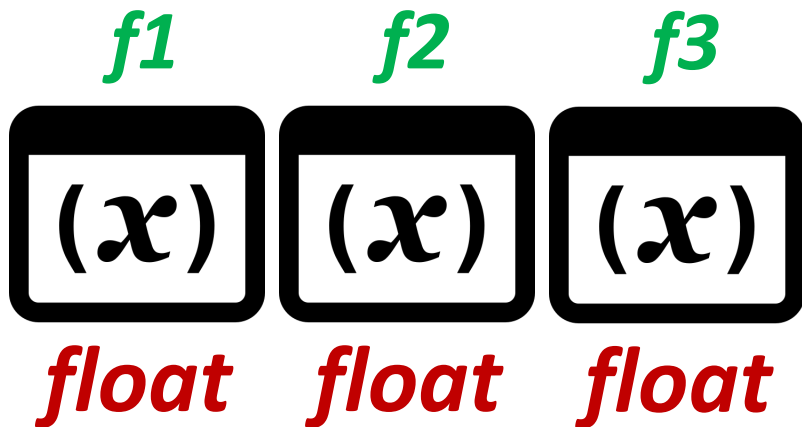
*float*



```
1 #include <stdio.h>
2
3 int main() {
    float hipotenusa;
```



# Glossário: Variável

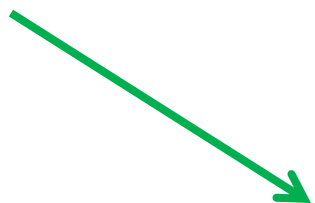


```
1 #include <stdio.h>
2
3 int main() {
4
5     float f1, f2, f3;
```

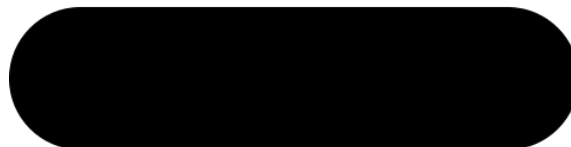


# Glossário: Igual =

Receber



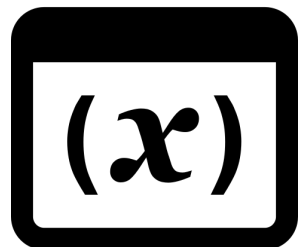
Atribuir →



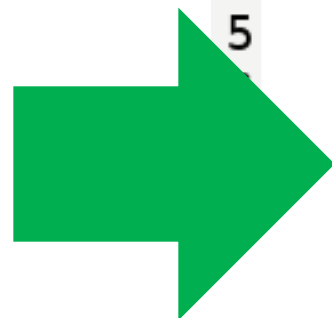


# Glossário: Variável $(x)$

*pi*



**= 3.14**



```
1 #include <stdio.h>
2
3 int main() {
4
5     float pi;
6
7     pi = 3.14;
8 }
```

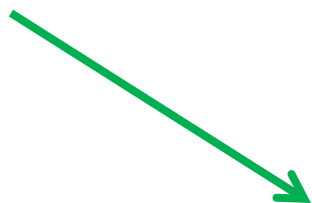




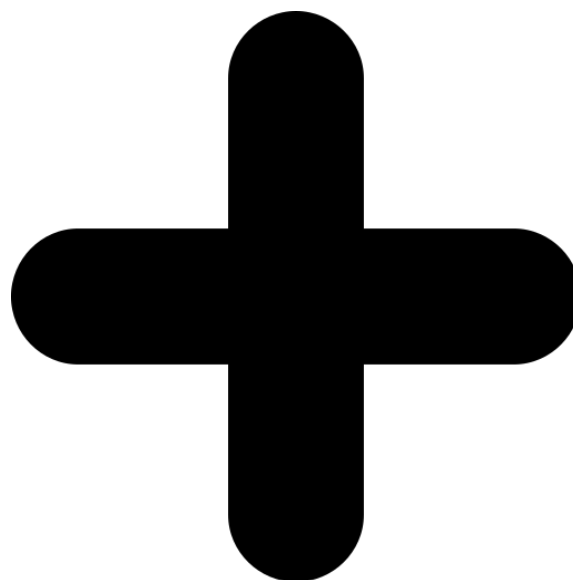
# Glossário: Mais



Somar

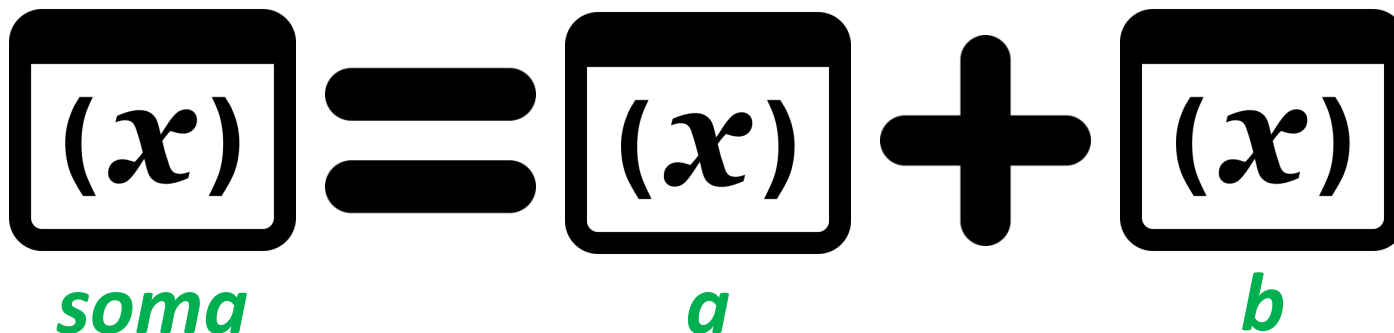


Adicionar →





# Glossário: Mais



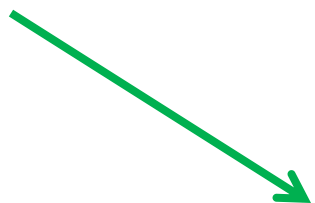
```
1 #include <stdio.h>
2
3 int main() {
4
5     int a, b, soma;
6
7     a=10;
8     b=20;
9     soma = a + b;
```





# Glossário: Menos —

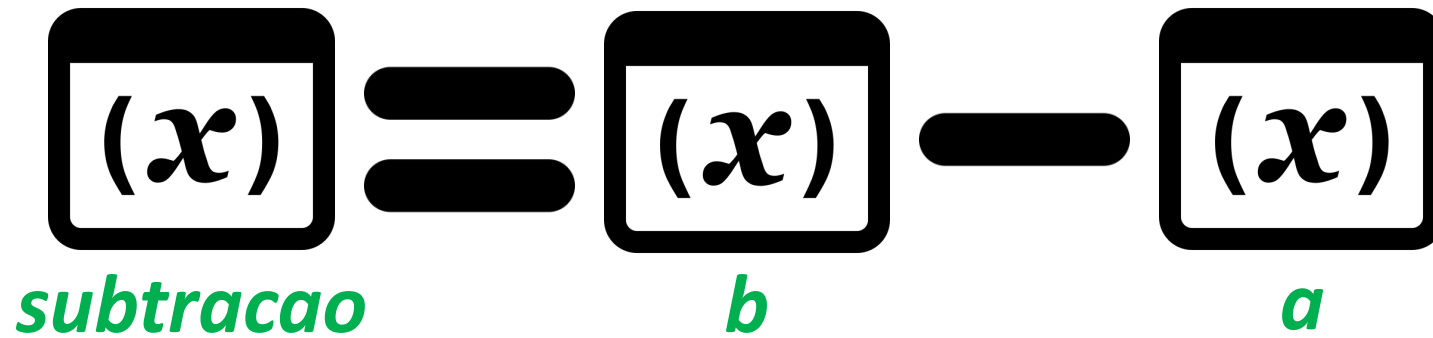
Subtrair



Diminuir



# Glossário: Menos —



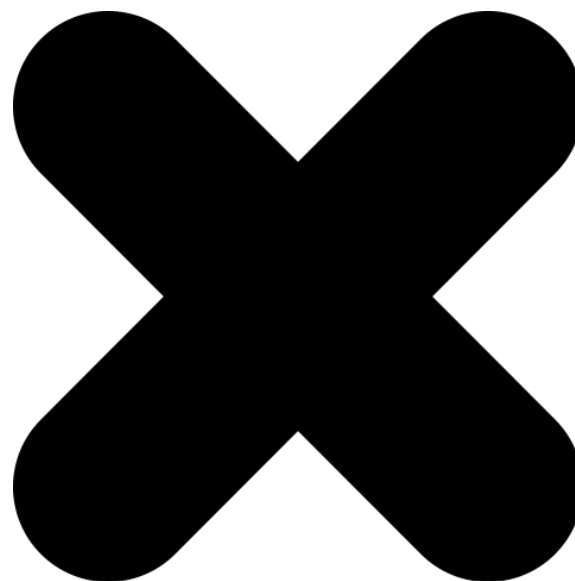
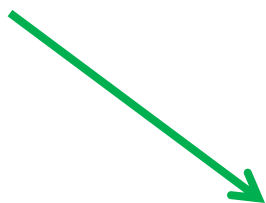
```
1 #include <stdio.h>
2
3 int main() {
4
5     int a, b, subtracao;
6
7     a=10;
8     b=20;
9     subtracao = b - a;
```



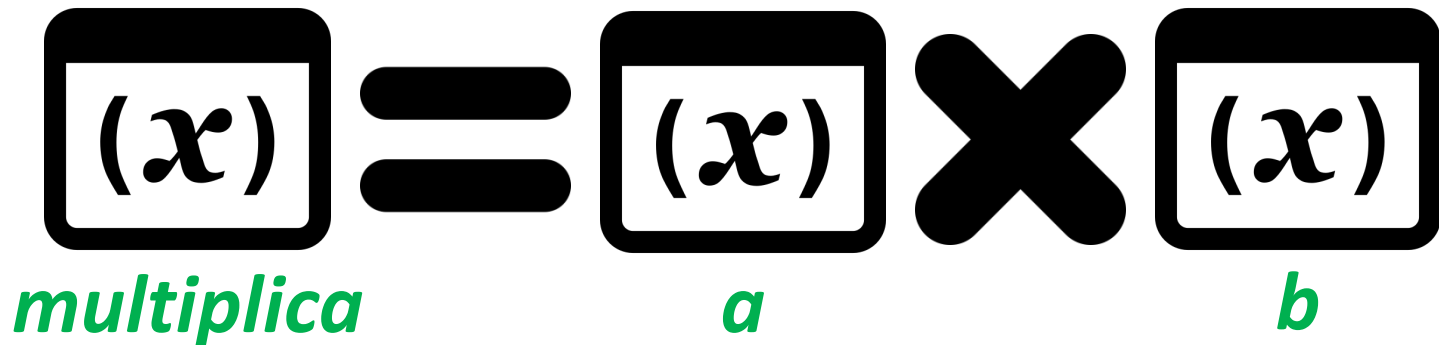


# Glossário: Multiplicação ×

Multiplicar



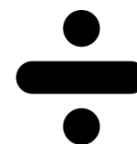
# Glossário: Multiplificação ×



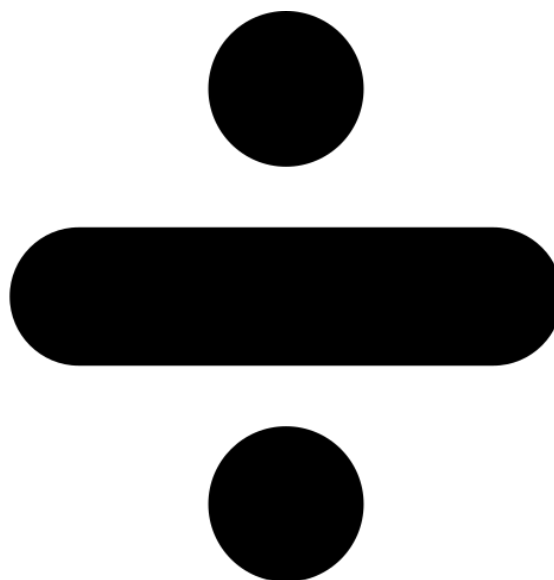
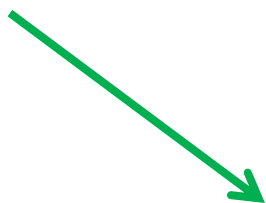
```
1 #include <stdio.h>
2
3 int main() {
4
5     int a, b, multiplica;
6
7     a=10;
8     b=20;
9     multiplica = a * b;
```



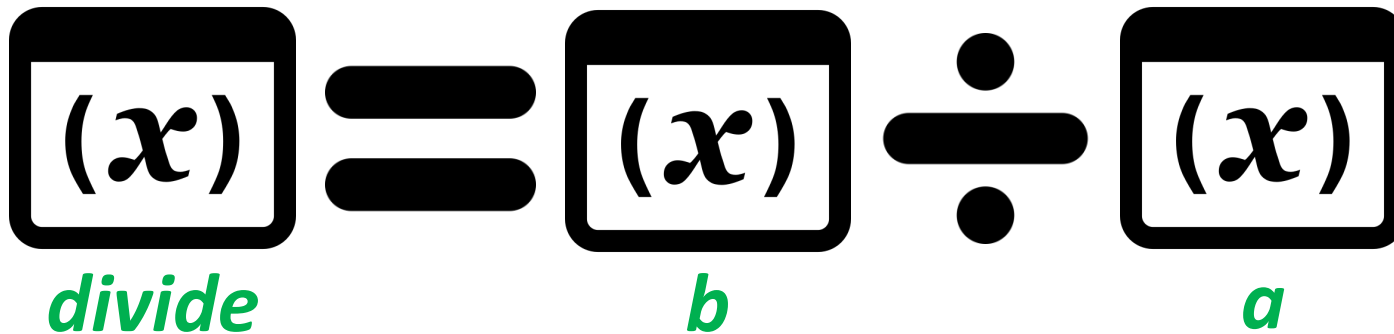
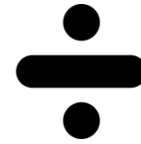
# Glossário: Divisão



Dividir



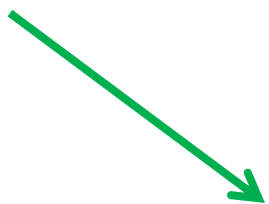
# Glossário: Divisão



```
1 #include <stdio.h>
2
3 int main() {
4
5     int a, b, divide;
6
7     a=10;
8     b=20;
9     divide = b / a;
```

# Glossário: Resto Divisão %

Sobrar



Restar




%



# Glossário: Resto Divisão %

$$\boxed{(x)} = \boxed{(x)} \% \boxed{(x)}$$

*resto*                      *b*                      *a*



```
1 #include <stdio.h>
2
3 int main() {
4
5     int a, b, resto;
6
7     a=10;
8     b=20;
9     resto = b % a;
```



# Glossário: Saída



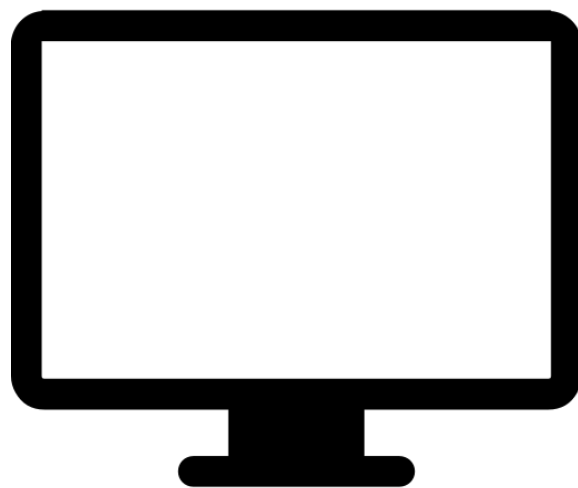
**Mostrar**

**Exibir**

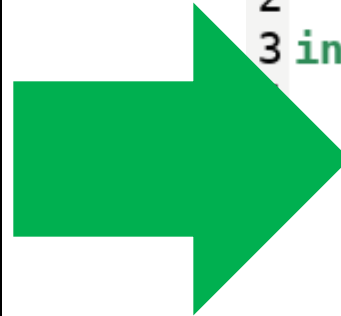
**Apresentar**

**Pedir**

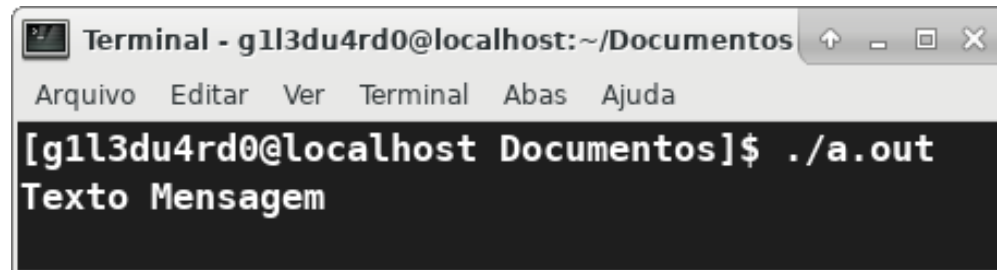
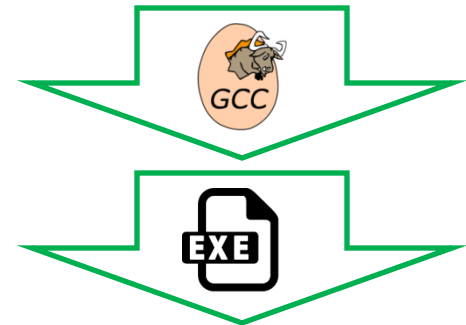
**Solicitar**



# Glossário: Saída

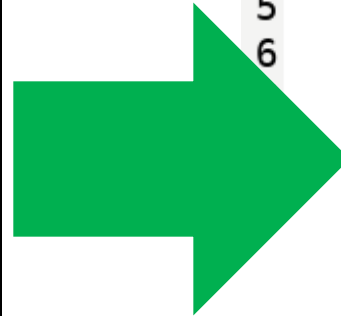
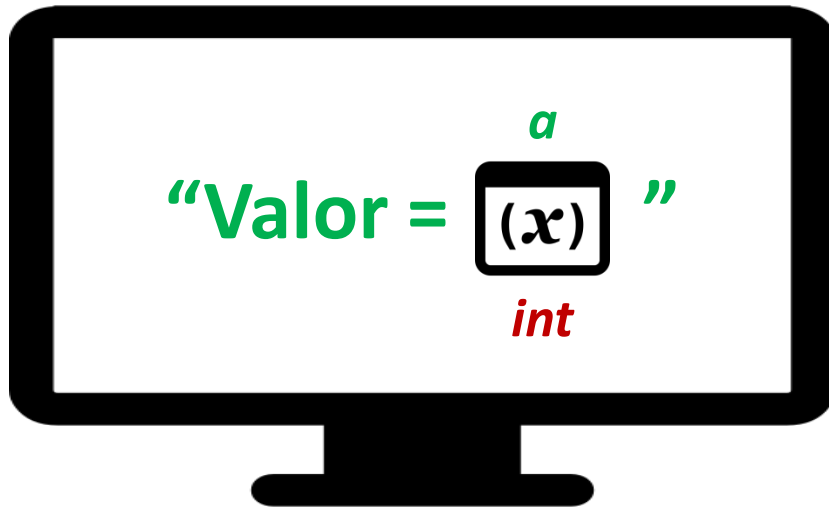


```
1 #include <stdio.h>
2
3 int main() {
    printf("Texto Mensagem");
}
```

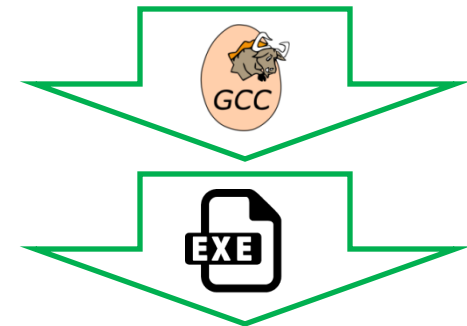




# Glossário: Saída



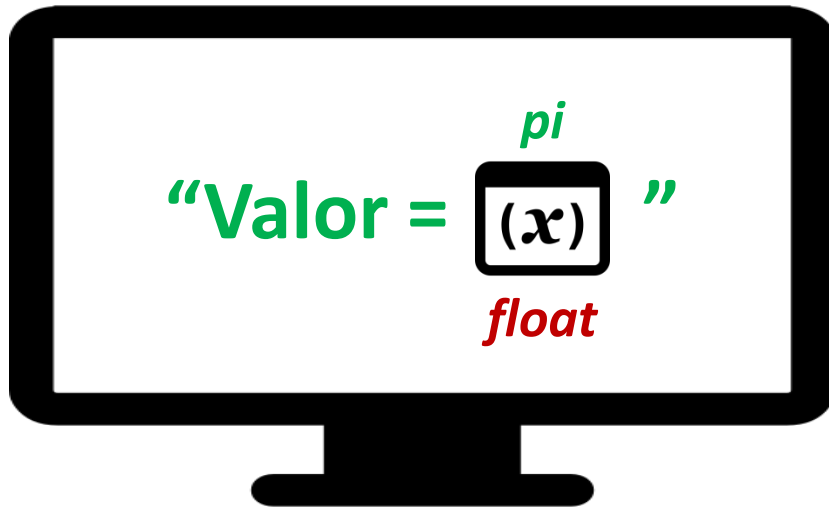
```
1 #include <stdio.h>
2
3 int main() {
4
5     int a;
6
7     a = 10;
8     printf("Valor = %i", a);
9 }
```



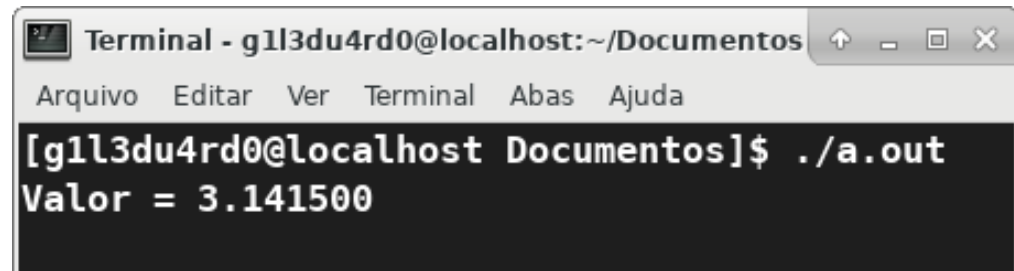
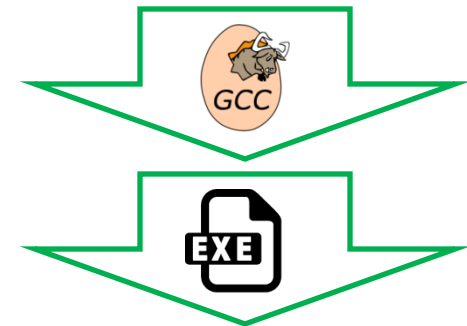
```
Terminal - g1l3du4rd0@localhost:~/Documentos
Arquivo Editar Ver Terminal Abas Ajuda
[g1l3du4rd0@localhost Documentos]$ ./a.out
Valor = 10
```



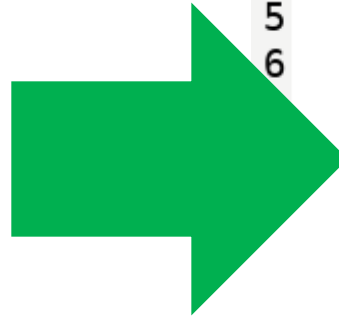
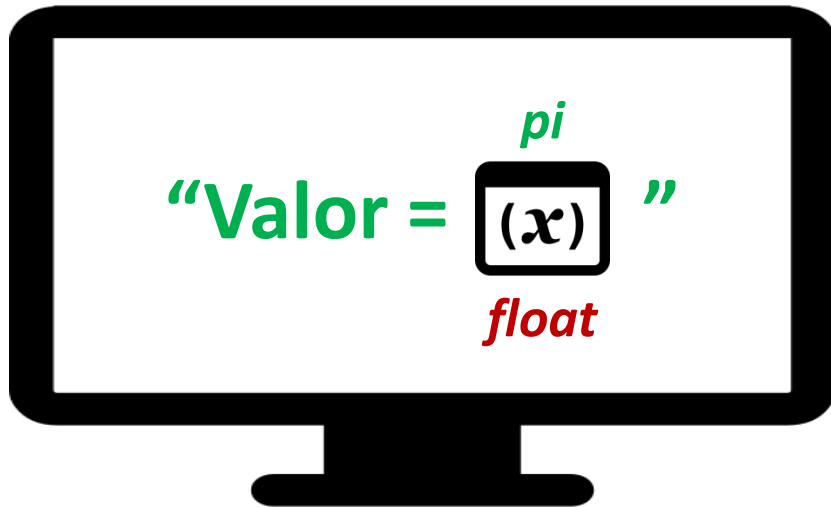
# Glossário: Saída



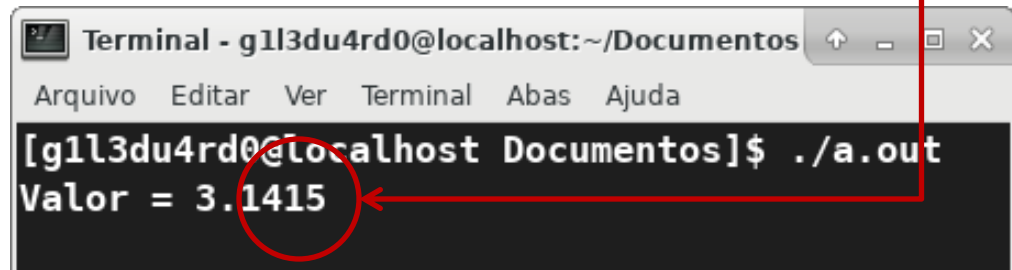
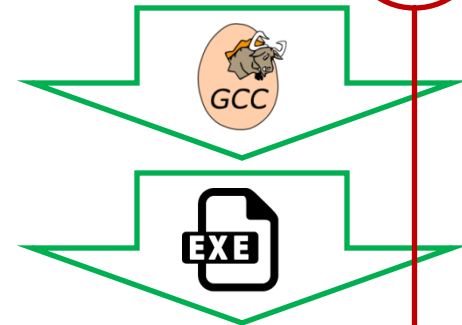
```
1 #include <stdio.h>
2
3 int main() {
4
5     float pi;
6
7     pi = 3.1415;
8     printf("Valor = %f", pi);
9 }
```



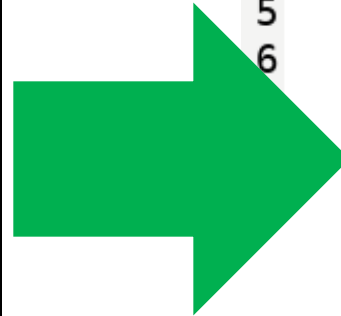
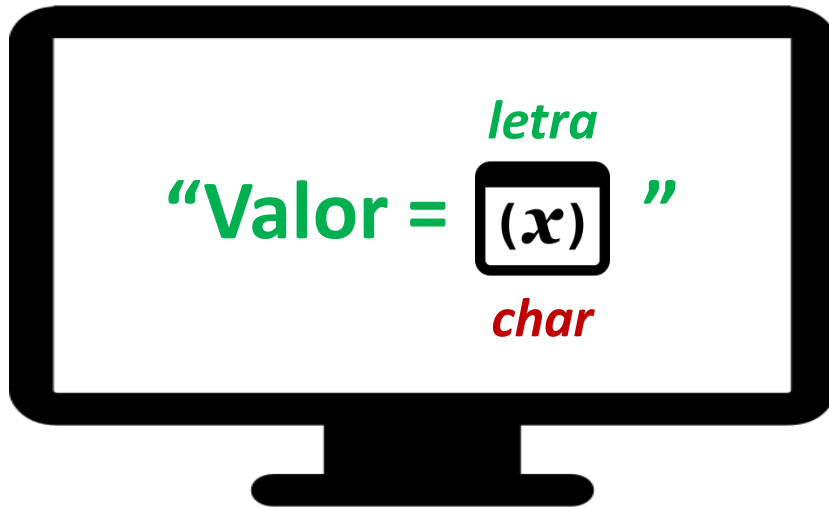
# Glossário: Saída



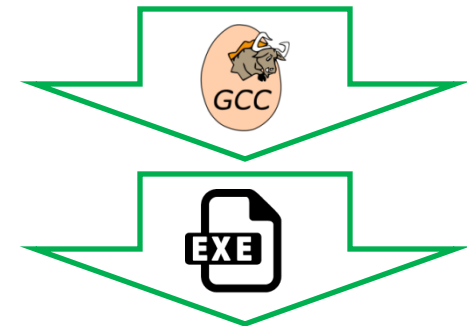
```
1 #include <stdio.h>
2
3 int main() {
4
5     float pi;
6
7     pi = 3.1415;
8     printf("Valor = %.4f", pi);
```



# Glossário: Saída



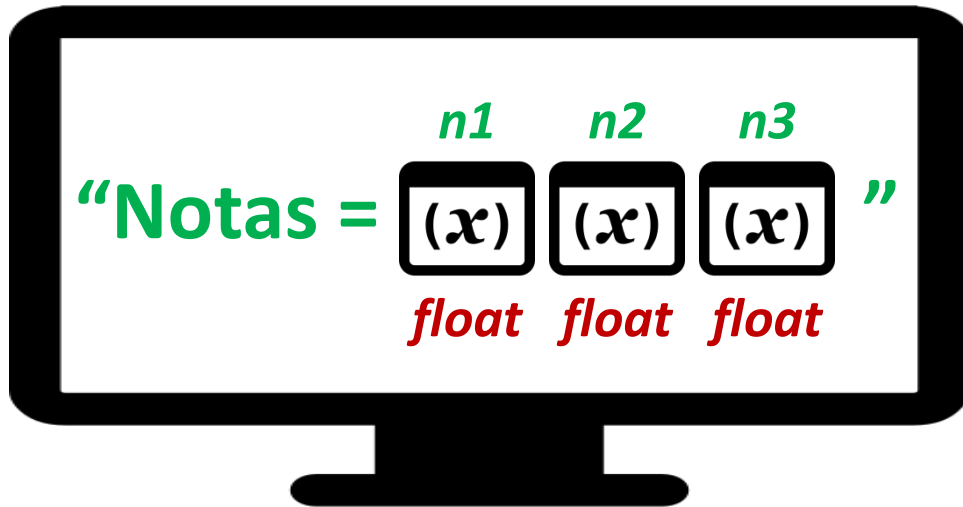
```
1 #include <stdio.h>
2
3 int main() {
4
5     char letra;
6
7     letra = 'G';
8     printf("Valor = %c", letra);
9 }
```



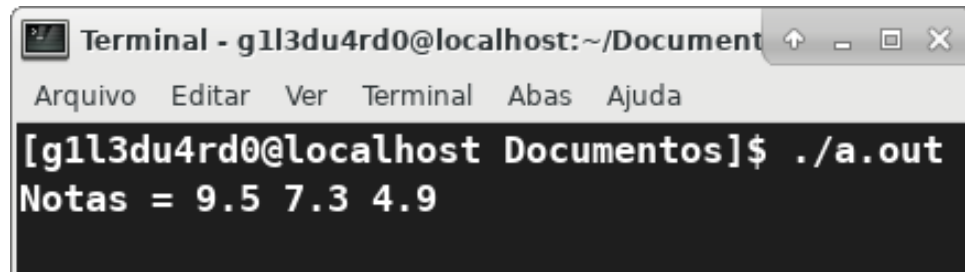
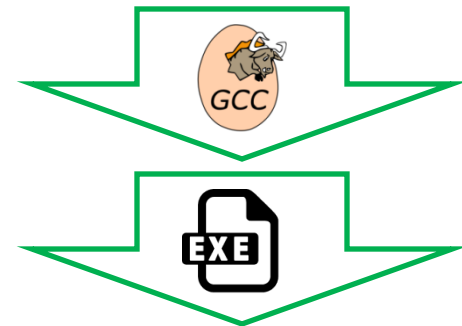
```
Terminal - g1l3du4rd0@localhost:~/Documentos
Arquivo  Editar  Ver  Terminal  Abas  Ajuda
[g1l3du4rd0@localhost Documentos]$ ./a.out
Valor = G
```



# Glossário: Saída



```
1 #include <stdio.h>
2
3 int main() {
4
5     float n1, n2, n3;
6
7     n1 = 9.5;
8     n2 = 7.3;
9     n3 = 4.9;
10
11     printf("Notas = %.1f %.1f %.1f", n1, n2, n3);
12 }
```





# Glossário: Entrada

Armazenar

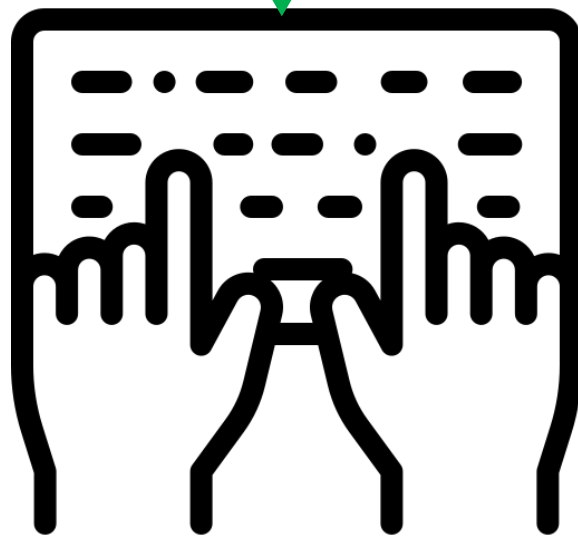
Obter

Solicitar

Pedir

Digitar

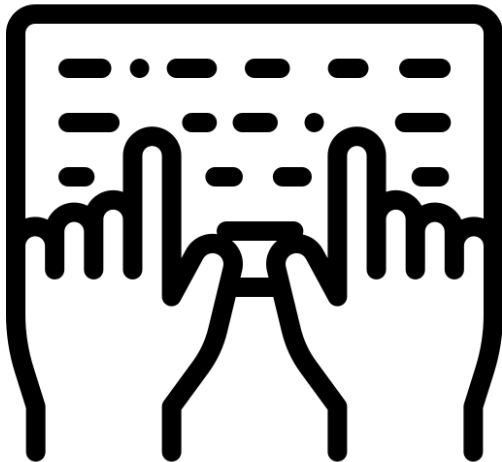
Guardar



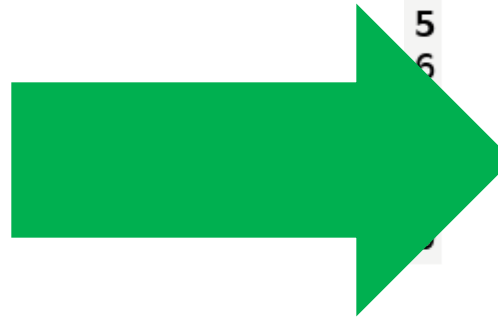
# Glossário: Entrada



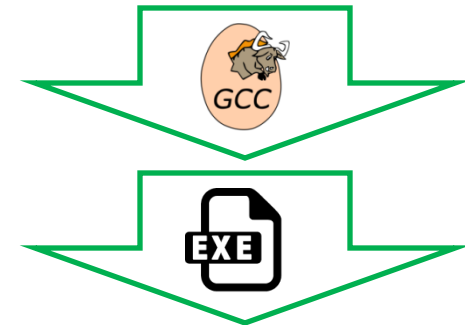
*val*



*int*



```
1 #include <stdio.h>
2
3 int main() {
4
5     int val;
6
7     printf("Digitar: ");
8     scanf("%i", &val);
9
10    printf("Val = %i", val);
11 }
```

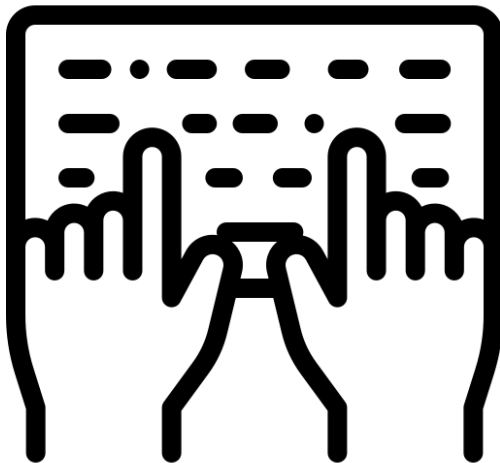


```
Terminal - g1l3du4rd0@localhost:~/Documentos
Arquivo  Editar  Ver  Terminal  Abas  Ajuda
[g1l3du4rd0@localhost Documentos]$ ./a.out
Digitar: 12
Val = 12
```

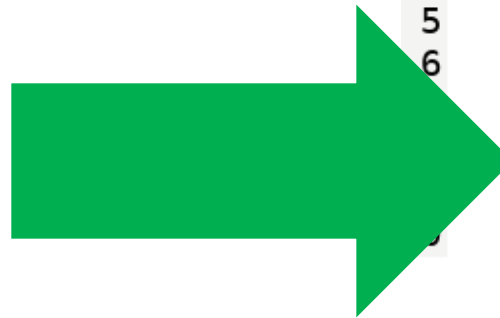
# Glossário: Entrada



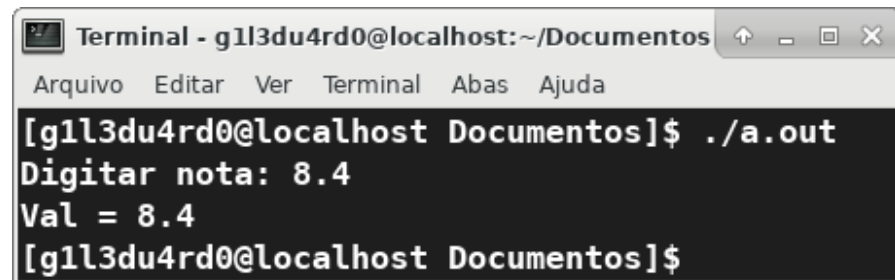
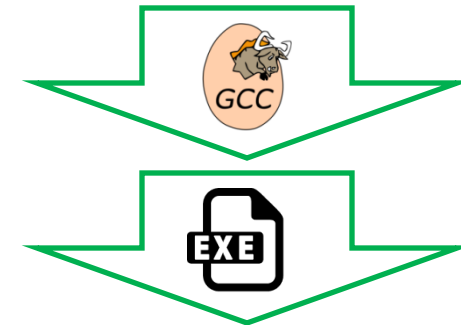
*nota*



*float*



```
1 #include <stdio.h>
2
3 int main() {
4
5     float nota;
6
7     printf("Digitar nota: ");
8     scanf("%f", &nota);
9
10    printf("Val = %.1f", nota);
11 }
```

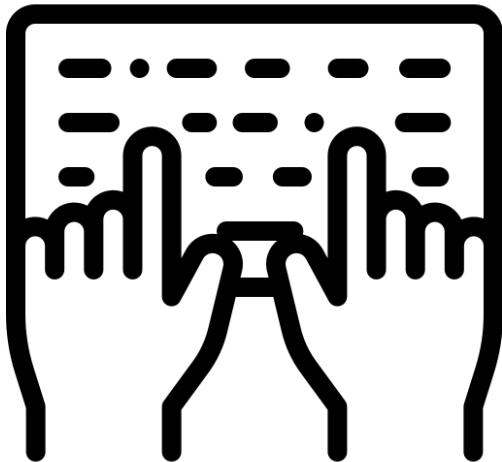




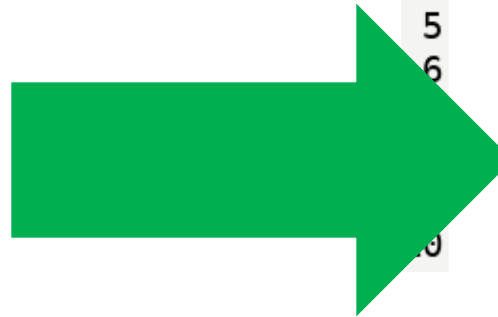
# Glossário: Entrada



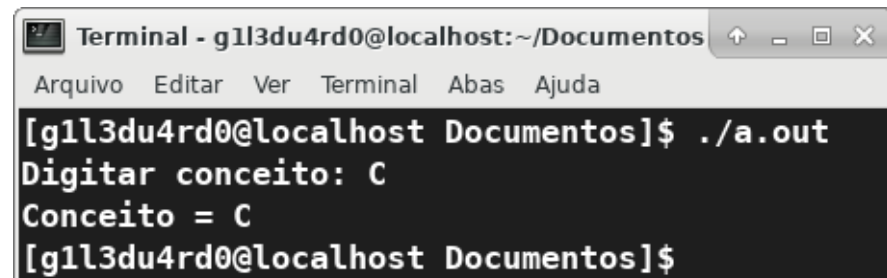
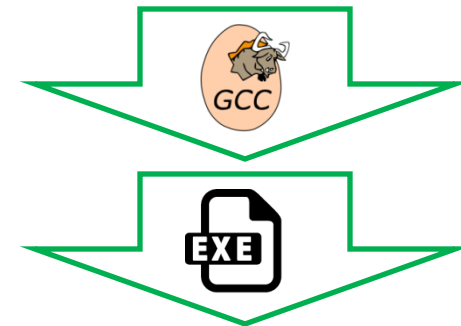
*conc*



*char*



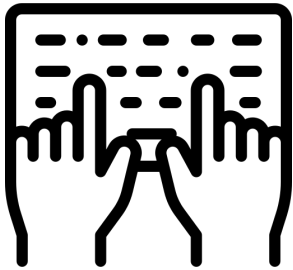
```
1 #include <stdio.h>
2
3 int main() {
4
5     char conc;
6
7     printf("Digitar conceito: ");
8     scanf("%c", &conc);
9
10    printf("Conceito = %c", conc);
11}
```



# Glossário: Entrada

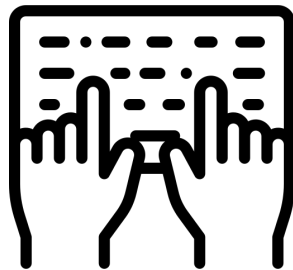


*n1*



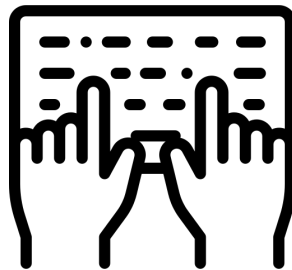
*float*

*n2*



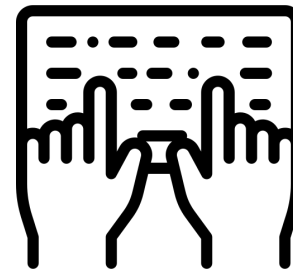
*float*

*n3*

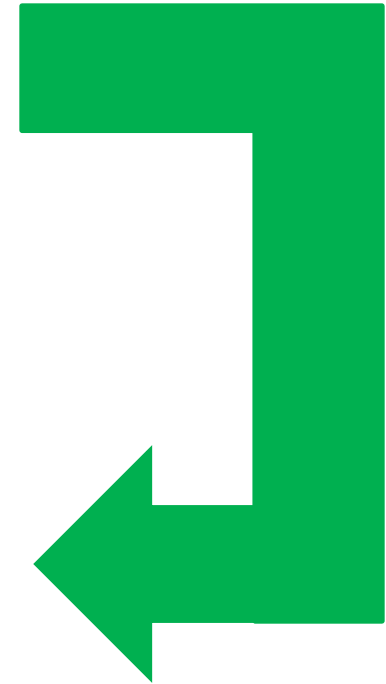


*float*

*n4*



*float*



```
Terminal - g1l3du4rd0@localhost:~/Document
Arquivo Editar Ver Terminal Abas Ajuda
[g1l3du4rd0@localhost Documentos]$ ./a.out
Digitar n1: 5.6
Digitar n2: 7.5
Digitar n3: 9.2
Digitar n4: 4.9
Notas = 5.6 7.5 9.2 4.9
```



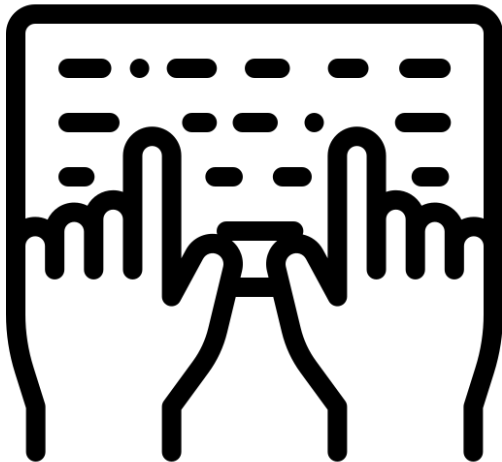
```
5 float n1, n2, n3, n4;
6
7 printf("Digitar n1: ");
8 scanf("%f", &n1);
9 printf("Digitar n2: ");
10 scanf("%f", &n2);
11 printf("Digitar n3: ");
12 scanf("%f", &n3);
13 printf("Digitar n4: ");
14 scanf("%f", &n4);
15
16 printf("Notas = %.1f %.1f %.1f %.1f", n1, n2, n3, n4);
```



# Glossário: Entrada

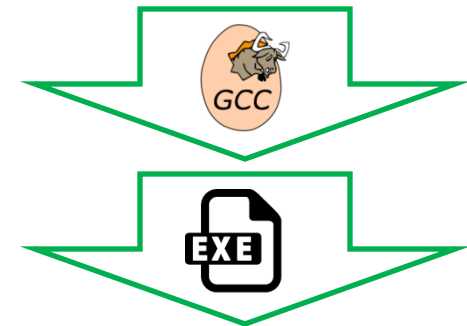


*n1, n2, n3, n4*



*float, float, float, float*

```
5 float n1, n2, n3, n4;
6
7 printf("Digitar 4 notas: ");
8 scanf("%f %f %f %f", &n1, &n2, &n3, &n4);
9
10 printf("Notas = %.1f %.1f %.1f %.1f", n1, n2, n3, n4);
```



```
Terminal - g1l3du4rd0@localhost:~/Document
Arquivo Editar Ver Terminal Abas Ajuda
[g1l3du4rd0@localhost Documentos]$ ./a.out
Digitar 4 notas: 6.3 2.4 10.0 9.7
Notas = 6.3 2.4 10.0 9.7
```

