

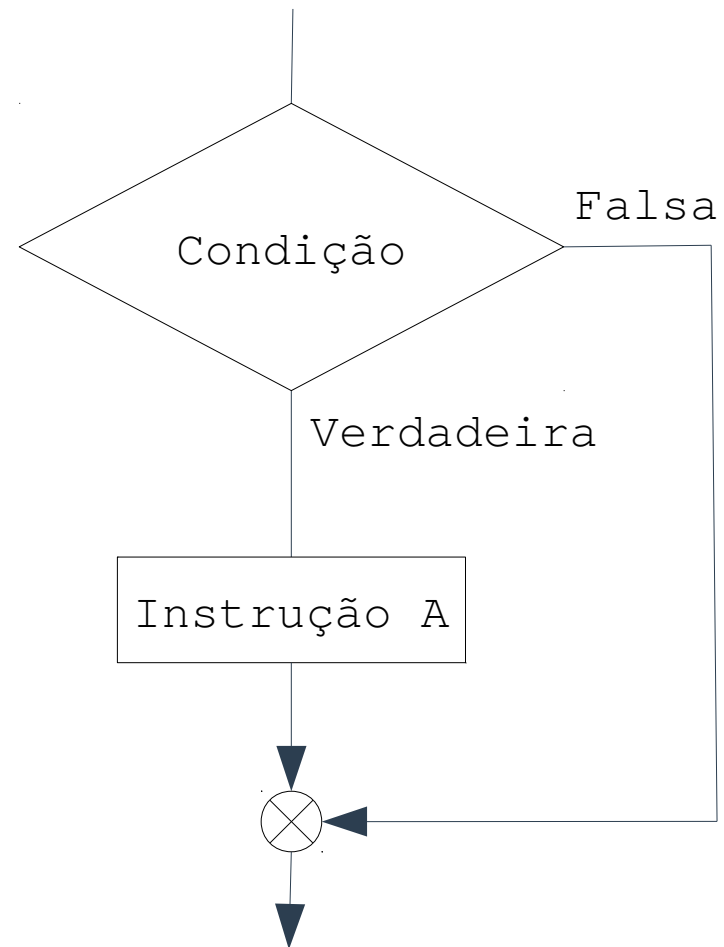


Programação em Linguagem C

Estruturas Condicionais e Repetição

Estrutura condicional if

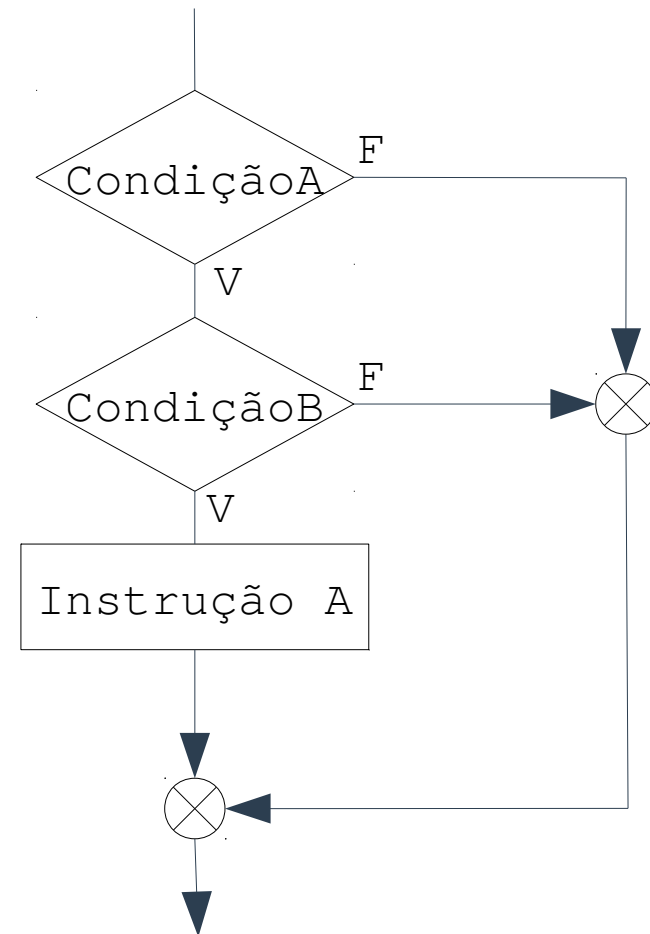
```
main.c
1  #include <stdio.h>
2
3  int main()
4  {
5      int num;
6      scanf("%d", &num );
7
8      if( num < 0 )
9      {
10         printf("Numero negativo\n");
11     }
12
13     return 0;
14 }
```



Estrutura condicional if

main.c

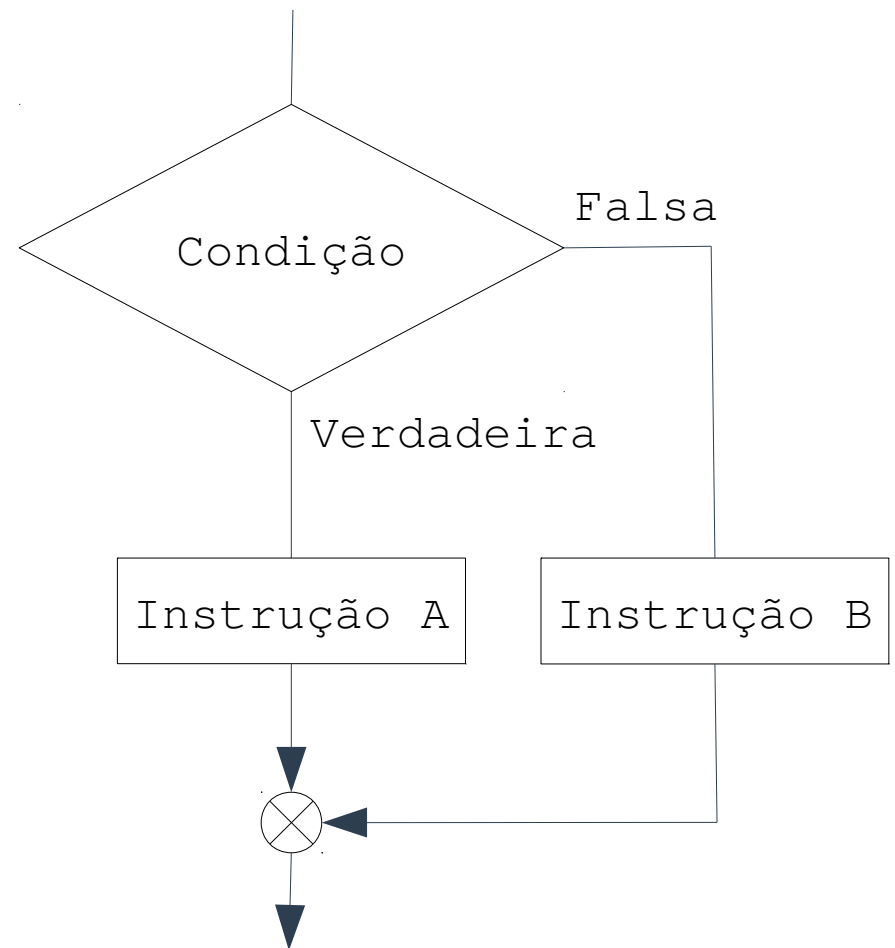
```
1  #include <stdio.h>
2
3  int main()
4  {
5      char digito;
6      scanf("%c", &digito );
7
8      if( digito >= '0' )
9      {
10         if( digito <= '9' )
11         {
12             printf("O digito é um numero\n");
13         }
14     }
15
16     return 0;
17 }
18
```



Estrutura condicional if else

main.c

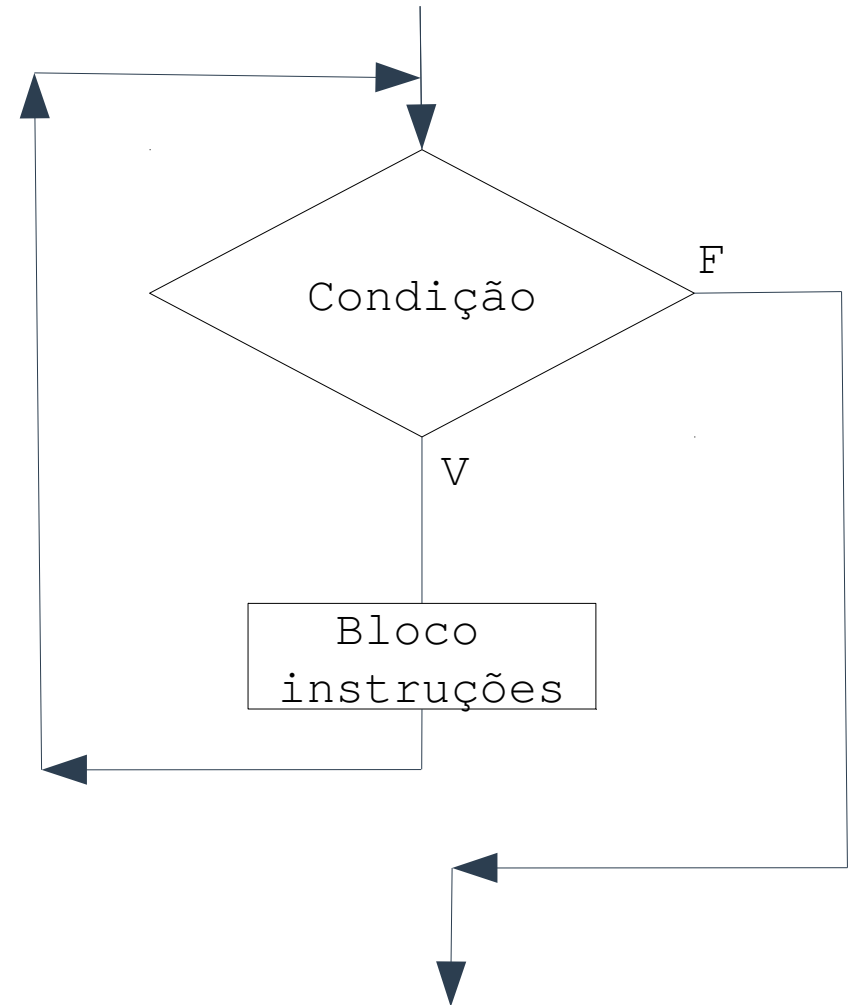
```
1 #include <stdio.h>
2
3 int main()
4 {
5     int num;
6     scanf("%d", &num );
7
8     if( (num % 2) == 0 )
9     {
10         printf("Numero Par\n");
11     }
12     else
13     {
14         printf("Numero Impar\n");
15     }
16
17     return 0;
18 }
19
```



Estrutura de repetição while

main.c

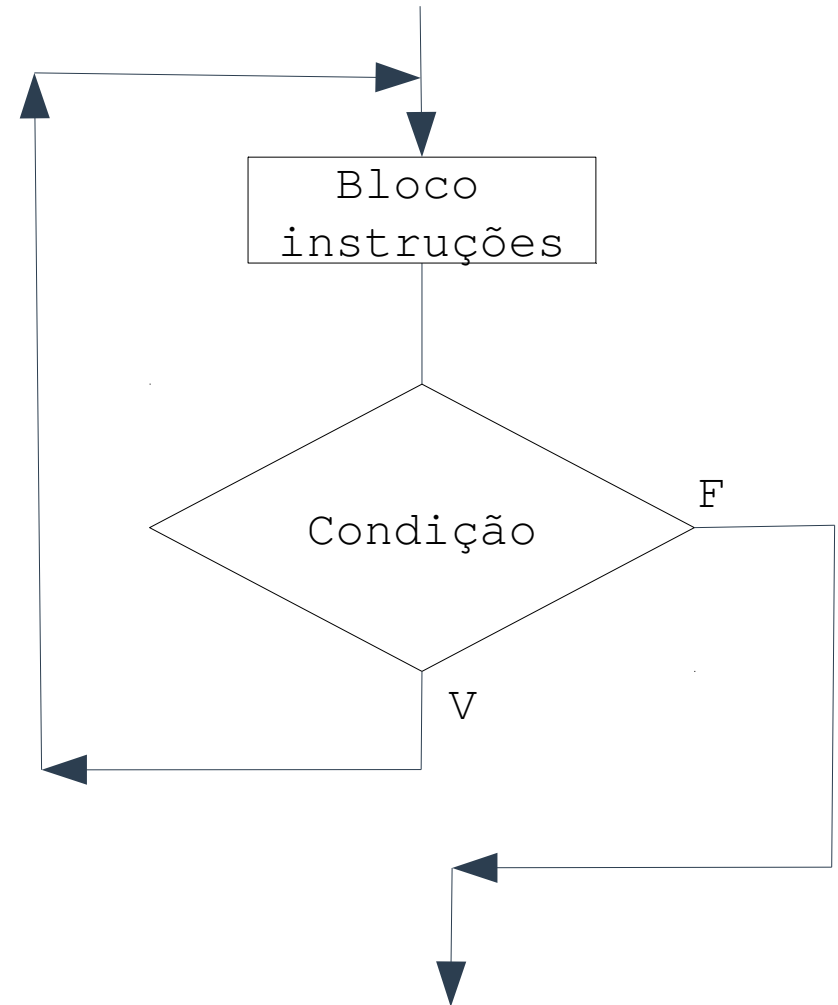
```
1  #include <stdio.h>
2
3  int main()
4  {
5      int cont = 0;
6
7      while( cont < 10 )
8      {
9          printf("%d\n", cont );
10         cont = cont + 1;
11     }
12
13     return 0;
14 }
15
```



Estrutura de repetição do while

main.c

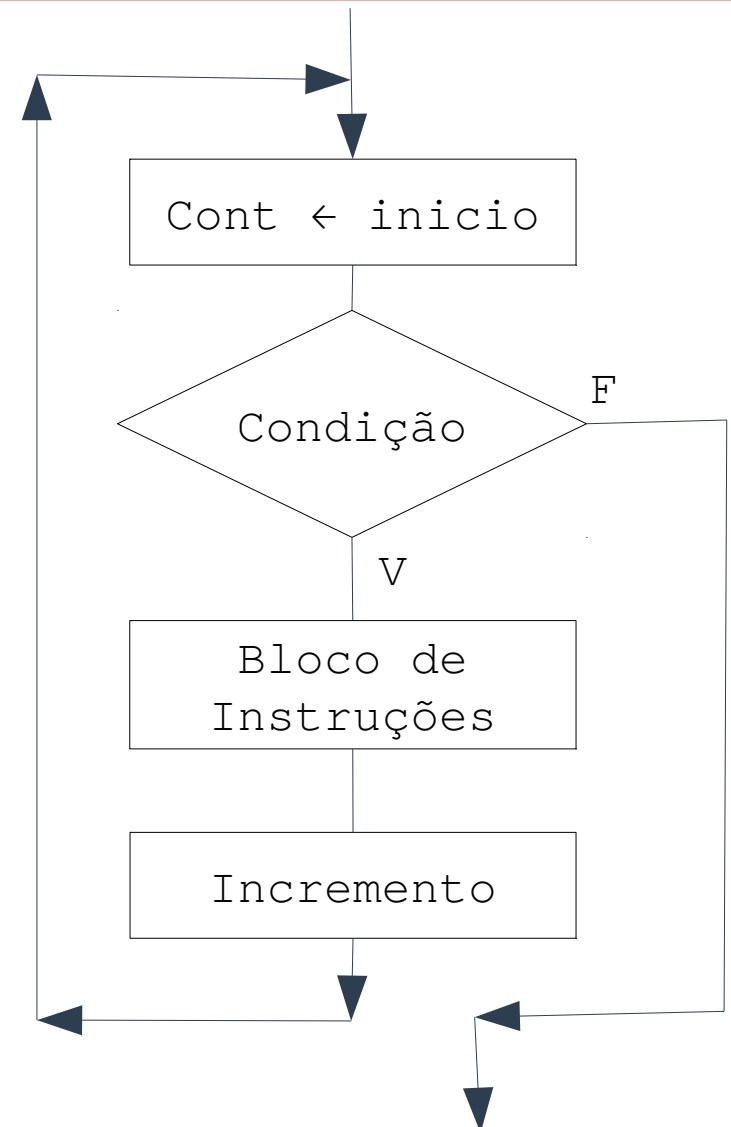
```
1  #include <stdio.h>
2
3  int main()
4  {
5      int cont = 0;
6
7      do
8      {
9          printf("%d\n", cont );
10         cont = cont + 1;
11     }
12     while( cont < 10 );
13
14     return 0;
15 }
16
```



Estrutura de repetição for

main.c

```
1  #include <stdio.h>
2
3  int main()
4  {
5      int cont;
6
7      for( cont=0; cont<10; cont++ )
8      {
9          printf("%d\n", cont );
10     }
11
12     return 0;
13 }
14
```





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