

IRAPPO



```
1  Inicio
2  var i = 1
3  enquanto i <= 10, repita:
4      mostra i
5      i = i + 1
6  fim-enquanto
7  Fim
```

```
1  var i = 1;  
2  while ( i <= 10 ) {  
3      print ( i );  
4      i = i + 1;  
5  }
```

```
1  clear
2  i = 1
3  while ( i <= 10)
4      printf ( " %d  ", i )
5      i++
6  endwhile
```

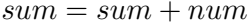








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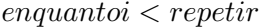




```
1  Inicio
2  var sum = 0, i = 1, num=0, media=0
3  enquanto i <= 25, repita:
4      num = lerValor()
5      sum = sum + num
6      i = i + 1
7  fim-enquanto
8  media = sum / 25
9  mostra(media)
0  Fim
```

```
1  var i = 1, sum = 0, num, media;  
2  while ( i <= 25 ) {  
3      num = parseInt( prompt ( ) );  
4      sum = sum + num;  
5      i = i + 1;  
6  }  
7  media = sum / 25;  
8  print ( media );
```

```
1 clear
2 i = 1, sum = 0, num = 0, media = 0
3 while ( i <= 5)
4     num = input("digite um numero" )
5     sum = sum + num
6     i++
7 endwhile
8 media = sum / 5
9 printf(" %d ", media)
```





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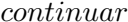
moderately
equal

And now we do

```
1  Inicio
2  var repetir , valor , media , i =0, sum = 0 ;
3  repetir = lerValor()
4  enquanto i < repetir , repita:
5      valor = lerVAlor();
6      i = i + 1;
7  sum = sum + valor;
8  fim-enquanto
9  media = sum/repetir
0  mostrar(media)
1  Fim
```

```
1  var repetir , valor , media , i=1, sum = 0;
2  \par
3  repetir = parseInt(prompt("Quantos numeros vc quer ler? "));
4  print(repetir)
5  \par
6  while(i < repetir){
7      valor = parseInt(prompt("Digite um valor: "));
8      sum = sum + valor;
9      i = i + 1;
0  }
1  media = sum / repetir;
2  print(media);
```

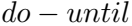
```
1 clear
2 \par
3 i = 1, sum = 0
4 repetir = input("Quantos numero quer ler? ")
5 \par
6 while (i <= repetir)
7     num = input("digite um numero" )
8     sum = sum + num
9     i++
0 endwhile
1 media = sum / repetir
2 printf(" %f ",media)
```





```
1  Inicio
2  var  parar;
3  faca
4      mostrar ( " continuar " );
5      parar = lerValor ();
6  enquanto  ( parar != -1)
7  Fim
```

```
1  var  parar ;
2  do {
3      print ( " continuar " );
4      parar = prompt( -1  finalizar  /  outro  valor  para  continuar " )
5  }
6  while ( parar  !=  -1 );
```



```
1 clear
2 do
3     disp('Continuar...')
4     parar = input(-1 'para finalizar: ')
5 until (parar == -1)
```