

Thaís de Almeida e Silva

01)

```
#include <stdio.h>
```

```
#include <stdlib.h>
```

```
int main(){
```

```
    int vetA[6] = {1, 0, 5, -2, -5, 7};
```

```
    int soma = 0, i;
```

```
    soma = vetA[0] + vetA[1] + vetA[5];
```

```
    printf("Soma A[0], A[1] e A[5] = %d\n", soma);
```

```
    for(i=0;i<6;i++){
```

```
        if(i == 4){
```

```
            vetA[i] = 100;
```

```
        }
```

```
        printf("Vetor A na posicao %d, valor de %d\n", i, vetA[i]);
```

```
    }
```

```
    return 0;
```

```
}
```

02)

```
#include <stdio.h>
```

```
#include <stdlib.h>
```

```
int main(){
```

```
    int vet[6], i;
```

```
    for(i=0;i<6;i++){
```

```
        scanf("%d", &vet[i]);
```

```
        printf("Valor lido %d\n", vet[i]);
```

```
    }
```

```
    return 0;
```

```
}
```

03)

```
#include <stdio.h>
```

```
#include <stdlib.h>
```

```
int main(){
```

```
    double vetA[10], vetB[10];
```

```
    int i;
```

```
    //lê o numero armazenado em vetA e calcula o dobro em vetB
```

```
    for(i=0; i<10; i++){
```

```
        scanf("%lf", &vetA[i]);
```

```
        vetB[i] = vetA[i]*vetA[i];
```

```
    }
```

```
    //limpa a tela
```

```
    system("clear");
```

```
    //printa vetA
```

```
    printf("Vetor A\n");
```

```
    for(i=0; i<10; i++)
```

```
        printf("%.1lf ", vetA[i]);
```

```
    //printa o dobro de vetA (vetB)
```

```
    printf("\nVetor B\n");
```

```
    for(i=0; i<10; i++)
```

```
        printf("%.1lf ", vetB[i]);
```

```
    return 0;
```

```
}
```

04)

```
#include <stdio.h>
```

```
#include <stdlib.h>
```

```
int main(){
```

```
    int vet[8];
```

```
    int i, x, y, s, h;
```

```
    for(i=0;i<8;i++){
```

```
        scanf("%d", &vet[i]);
```

```
    }
```

```
    printf("Digite X e Y respectivamente\n");
```

```
    scanf("%d %d", &x, &y);
```

```
    for(i=0;i<8;i++){
```

```
        if(i == x){
```

```
            s = vet[i];
```

```
        }else
```

```
        if(i == y){
```

```
            h = vet[i];
```

```
        }
```

```
    }
```

```
    printf("A soma das posicoes X = %d e Y = %d do vetor eh de %d", x, y, s+h);
```

```
    return 0;
```

```
}
```

05)

```
#include <stdio.h>
```

```
#include <stdlib.h>
```

```
int main(){
```

```
    int vet[10];
```

```
    int i, p = 0;
```

```
    for(i=0;i<10;i++){
```

```
        scanf("%d", &vet[i]);
```

```
        if(vet[i]%2 == 0){
```

```
            p++;
```

```
        }
```

```
    }
```

```
    printf("O vetor possui %d numero(s) par(es)\n", p);
```

```
    return 0;
```

```
}
```

06)

```
#include <stdio.h>
```

```
#include <stdlib.h>
```

```
int main (){
```

```
    int vet[10];
```

```
    int i, menor = 0, maior = 0;
```

```
    printf("Digite 10 numeros para comparação\n");
```

```
    for(i=0; i<10; i++){
```

```
        scanf("%d", &vet[i]);
```

```
        maior = vet[i];
```

```
        menor = vet[i];
```

```
    }
```

```
    for(i=0; i<10; i++){
```

```
        if(vet[i] > maior)
```

```
            maior = vet[i];
```

```
        if(vet[i] < menor)
```

```
            menor = vet[i];
```

```
    }
```

```
    printf("Maior = %d\n", maior);
```

```
    printf("Menor = %d\n", menor);
```

```
    return 0;
```

```
}
```

07)

```
#include <stdio.h>
```

```
#include <stdlib.h>
```

```
int main (){
```

```
    int vet[10];
```

```
    int i, aux, maior;
```

```
    printf("Digite 10 numeros para comparação\n");
```

```
    for(i=0; i<10; i++){
```

```
        scanf("%d", &vet[i]);
```

```
        aux = i;
```

```
        maior = vet[i];
```

```
        printf("%d ", vet[i]);
```

```
    }
```

```
    for(i=0; i<10; i++){
```

```
        if(vet[i] > maior){
```

```
            aux = i;
```

```
            maior = vet[i];
```

```
        }
```

```
    }
```

```
    printf("\nMaior = %d, ", maior);
```

```
    printf("na posicao %d", aux);
```

```
    return 0;
```

```
}
```

08)

```
#include <stdio.h>
```

```
#include <stdlib.h>
```

```
int main(){
```

```
    int i, vet[6];
```

```
    for(i=0; i<6; i++){
```

```
        scanf("%d", &vet[i]);
```

```
    }
```

```
    for(i=5; i>=0; i--){
```

```
        printf("%d ", vet[i]);
```

```
    }
```

```
    return 0;
```

```
}
```