Letícia Vaz e Marina Stefane

1)

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

int som(int v[], int t){
    if(t==0){
        return 0;
    }
    else{
        return v[t-1] + som(v, t-1);
    }
}
int main(){
    int x;
    printf("digite o tamanho do vetor: ");
    scanf("%d", &x);
    int v[x];

    for(int i; i<x; i++){
        printf("\n digite o conteudo do vetor:  ");
        scanf("%d", &v[i]);
    }
    int soma;
    soma=som(v, x);
    printf("\no somatorio e :  %d", soma);
}
```

terminal:

```
 digite o tamanho do vetor: 5

  digite o conteudo do vetor:  1

  digite o conteudo do vetor:  2

  digite o conteudo do vetor:  3

  digite o conteudo do vetor:  4

  digite o conteudo do vetor:  5

 o somatorio e :  15[1] + Done
  0<"/tmp/Microsoft-MIEngine-In-bhfdmgb1.5np
 leticia@leticia-Inspiron-5458:~/Documents$ [
```

2)

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

int som(int *v, int t){
    if(t==0){
        return 0;
    }
    else{
        return v[t-1] + som(v, t-1);
    }
}



int main(int argc, int *argv[]){

    int j;
    int v[argc-1];
    for(int i=0, j=1; i<argc-1; i++,j++){
        v[i]=atoi(argv[j]);
    }
    int soma;
    soma=som(v, argc-1);

    printf("\no somatorio e :  %d", soma);


}
```

terminal:

```
leticia@leticia-Inspiron-5458:~/Documents$ gcc somatorio.c
somatorio.c: In function 'main':
somatorio.c:22:23: warning: passing argument 1 of 'atoi' from incompatible pointer type [-Win
   22 |         v[i]=atoi(argv[j]);
      |                   ~~~~^~~
      |                       |
      |                       int *
In file included from somatorio.c:2:
/usr/include/stdlib.h:105:30: note: expected 'const char *' but argument is of type 'int *'
  105 | extern int atoi (const char *__nptr)
      |                  ~~~~~~~~~~~~^~~~~~~
leticia@leticia-Inspiron-5458:~/Documents$ ./a.out 1 2 3 4

o somatorio e :  10leticia@leticia-Inspiron-5458:~/Documents$
```

3)
```c
#include <stdio.h>
#include <stdlib.h>
#include <string.h>

int troca (char m[100]){
    int tam;

    tam = strlen(m);

    for (int i = 0; i < tam; i++)
    {
            m[i]-= 32;
    }

    return m[100];
}

int main(){
    char m[100];
    int tam;

    printf("Digite o conteudo: ");
    scanf("%s", m);


    troca(m);
    printf("o conteudo minusculo: %s", m);


}
```

Terminal

```
PS C:\Users\marin\OneDrive\Documentos> gcc asci.c
PS C:\Users\marin\OneDrive\Documentos> .\a.exe
Digite o conteudo: lucas,emanuel
o conteudo minusculo: LUCAS
EMANUEL
PS C:\Users\marin\OneDrive\Documentos>
```