/ /

Teste de mesa 7

```
n = 3;
for(i=0; i<n; i++) {
  for(j=0; j<n; j++) {
    mat[i][j] = 1+i+j;
  }
}
```

\	0	1	2
0	1	2	3
1	2	3	4
2	3	4	5

mat

n = 3

i = 0, 1, 2, 3

j = 0, 1, 2, 3
0, 1, 2, 3
0, 1, 2, 3

Teste de mesa 8

```
m=2;
n=4;
x=0;
for(i=0; i<m; i++){
    x=x+i;
    for(j=0; j<n; j++){
        x=x+j;
        mat[i][j]=x;
    }
}
```

	0	1	2	3
0	0	1	3	6
1	7	8	10	13

mat

m = 2

n = 4

i = 0, 1

j = 0, 1, 2, 3; 0, 1, 2, 3;

x = 0, 0, 1, 3, 6, 7, 7, 8, 10, 13

/ /

Teste de mesa 9

```
m=5;
for (i=0; i<m; i++){
    mat[3][i] = 10;
}
for(i=0; i<m; i++){
  mat[i][4] = 10*i;
  mat[i][i] = 50;
}
```

i \ j	0	1	2	3	4
0	50	0	0	0	0
1	0	50	0	0	10
2	0	0	50	0	20
3	10	10	10	50	30
4	0	0	0	0	50

m 5

i 0, 1, 2, 3, 4

j

Teste de mesa 10

```
n = 3;
for(i=0;i<n;i++){
  x = 0;
  for (j=0;j<n;j++){
    mat[i][j] = i+j;
    x = x + mat[i][j];
  }
  V[i] = x;
}
```

i \ j	0	1	2
0	0	1	2
1	1	2	3
2	2	3	4

mat

i	V
0	3
1	6
2	9

V

n 3

x 0, 0, 1, 2; 0, 1, 3, 6; 0, 2, 5, 9.

i 0, 1, 2

j 0, 1, 2; 0, 1, 2; 0, 1, 2.

/ /

Teste de Mesa 11

```
m = 5;
for(i=0;i<m;i++){
  v[i] = 10 - i;
}
for(i=0,i<m;i++){
  mat[i][i] = v[i] / 10;
}
```

i \ j	0	1	2	3	4
0	1	0	0	0	0
1	0	0.9	0	0	0
2	0	0	0.8	0	0
3	0	0	0	0.7	0
4	0	0	0	0	0.6

i	v
0	10
1	9
2	8
3	7
4	6

m 5
i 0,1,2,3,4
j 0

Teste de Mesa 12

```
n=4;
for (i=0;i<n;i++){          i=0
  for (j=0;j<i;j++){        j=0
    mat[i][j] = (i+1)*10;
  }
}
```

Loop Infinito