# Casos de prueba “Dijkstra and Floyd”

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1) **Dato invalido en N**

```
Please, enter n: Aqui va un numero me gusta poner cosas raras
[ERROR]: n must be a number greater than 1.
Please, enter n: -23
[ERROR]: n must be a number greater than 1.
Please, enter n: 0
[ERROR]: n must be a number greater than 1.
Please, enter n:
```

2) **Número diferente a ‘0’ en mismo nodos en matriz**

```
Please, enter n: 4
1 1 1 1
1 1 1 1
1 1 1 1
1 1 1 1

[ERROR]: Invalid data, there must be 0 between i == j
Invaded data: 1
Please, enter your data again:
```

```
Please, enter your data again:
0 1 1 1
1 0 1 1
1 1 0 1
1 1 1 1

[ERROR]: Invalid data, there must be 0 between i == j
Invaded data: 1
Please, enter your data again:
```

3) Números ‘0’ en partes de la matriz donde no deben ir

```
Please, enter your data again:
0 0 0 0
0 0 0 0
0 0 0 0
0 0 0 0

[ERROR]: only numbers greater than 0 or numbers equal to -1 are accepted
Invaded data: 0
Please, enter your data again:
```

```
Please, enter your data again:
0 1 1 1
1 0 1 1
1 1 0 1
0 0 0 0

[ERROR]: only numbers greater than 0 or numbers equal to -1 are accepted
Invaded data: 0
Please, enter your data again:
```

4) **Número menores a '-1' en la matriz**

```
Please, enter your data again:
0 1 1 1
1 0 1 1
1 1 0 1
1 1 -2 0

[ERROR]: only numbers greater than 0 or numbers equal to -1 are accepted
Invaded data: -2
Please, enter your data again:
```

5) **Datos válidos**

```
Please, enter your data again:
0 2 -1 3
-1 0 1 5
2 3 0 -1
3 -1 4 0

Your input data:
        0 2 -1 3
        -1 0 1 5
        2 3 0 -1
        3 -1 4 0


Edges (vertex, weight):
Node 1: [ [2,2] [4,3] ]
Node 2: [ [3,1] [4,5] ]
Node 3: [ [1,2] [2,3] ]
Node 4: [ [1,3] [3,4] ]

Dijkstra:
Node 1 to Node 2: 2
Node 1 to Node 3: 3
Node 1 to Node 4: 3
Node 2 to Node 1: 3
Node 2 to Node 3: 1
Node 2 to Node 4: 5
Node 3 to Node 1: 2
Node 3 to Node 2: 3
Node 3 to Node 4: 5
Node 4 to Node 1: 3
Node 4 to Node 2: 5
Node 4 to Node 3: 4

Floyd Warshall
        0 2 3 3
        3 0 1 5
        2 3 0 5
        3 5 4 0
```