

הרצה של coverage ובדיקת מקרי קצה

```
danielbes@Ubuntu:~/Desktop/OS_EX1$ make coverage
gcc -c Q4.c -fprofile-arcs -ftest-coverage -Wall -Wextra
gcc -o Q4 Q4.o -fprofile-arcs -ftest-coverage -Wall -Wextra
./Q4
Enter the number of vertices in the graph (or type 0 to exit): 2
Enter the adjacency matrix for the graph (2x2) or type 'exit' to quit:
0
1
0
1
Vertex          Distance from Source
0                0
1                1
Enter the number of vertices in the graph (or type 0 to exit): -1
Invalid number of vertices.
Enter the number of vertices in the graph (or type 0 to exit): a
Invalid number of vertices.
Enter the number of vertices in the graph (or type 0 to exit): 2
```

```
Enter the number of vertices in the graph (or type 0 to exit): -1
Invalid number of vertices.
Enter the number of vertices in the graph (or type 0 to exit): a
Invalid number of vertices.
Enter the number of vertices in the graph (or type 0 to exit): 2
Enter the adjacency matrix for the graph (2x2) or type 'exit' to quit:
aaaaaaaaaaaaaaaaaaaaa
Failed to read the graph. Please try again.
Enter the number of vertices in the graph (or type 0 to exit): 2
Enter the adjacency matrix for the graph (2x2) or type 'exit' to quit:
11111111111111111111
Failed to read the graph. Please try again.
Enter the number of vertices in the graph (or type 0 to exit): 0
gcov Q4.c
File 'Q4.c'
Lines executed:100.00% of 67
Creating 'Q4.c.gcov'
Lines executed:100.00% of 67
```