[Executed at: Mon Oct 3 1:12:42 PDT 2016]

C++

gvals.txt

Input File:1

BFS

A

H

12

A B 1

B C 1

C D 1

A E 10

E F 2

F G 3

G H 3

A I 1

I J 1

J K 1

K L 1

L H 1

12

A 7

B 5

C 5

D 7

E 5

F 4

G 3

I 4

J 3

K 2

L 1

H 0

Correct output:

A 0

E 1

F 2

G 3

H 4

Content from your output file:

A 0

E 1

F 2

G 3

H 4

test case passed!

Input File:2

BFS

A

G

9

A B 2

A C 2

A D 2

A E 2

A F 2

F G 2

B C 1

C D 2

E F 1

7

A 3

B 4

C 4

D 3

E 3

F 1

G 0

Correct output:

A 0

F 1

G 2

Content from your output file:

A 0

F 1

G 2

test case passed!

Input File:3

DFS

A

E

7

A B 1

A C 1

A D 4

D E 1

A E 5

B E 1

C E 2

5

A 3

B 1

C 2

D 1

E 0

Correct output:

A 0

E 1

Content from your output file:

A 0

E 1

test case passed!

Input File:4

UCS

A

S

5

A B 1

A C 1

B C 5

B D 4

C S 1

5

A 2

B 6

C 1

D 4

S 0

Correct output:

A 0

C 1

S 2

Content from your output file:

A 0

C 1

S 2

test case passed!

Input File:5

A\*

A

S

10

A S 10

A B 1

B C 1

C D 4

C G 1

D G 4

G S 1

B S 5

F S 9

A F 1

7

A 6

B 4

C 1

D 1

F 7

G 1

S 0

Correct output:

A 0

B 1

C 2

G 3

S 4

Content from your output file:

A 0

B 1

C 2

G 3

S 4

test case passed!

Input File:6

BFS

A

S

10

A S 10

A B 1

B C 1

C D 4

C G 1

D G 4

G S 1

B S 5

F S 9

A F 1

7

A 6

B 4

C 1

D 1

F 7

G 1

S 0

Correct output:

A 0

S 1

Content from your output file:

A 0

S 1

test case passed!

Input File:7

DFS

A

H

12

A B 1

B C 1

C D 1

A E 10

E F 2

F G 3

G H 3

A I 1

I J 1

J K 1

K L 1

L H 1

12

A 7

B 5

C 5

D 7

E 5

F 4

G 3

I 4

J 3

K 2

L 1

H 0

Correct output:

A 0

E 1

F 2

G 3

H 4

Content from your output file:

A 0

E 1

F 2

G 3

H 4

test case passed!

Input File:8

A\*

A

H

12

A B 1

B C 1

C D 1

A E 10

E F 2

F G 3

G H 3

A I 1

I J 1

J K 1

K L 1

L H 1

12

A 7

B 5

C 5

D 7

E 5

F 4

G 3

I 4

J 3

K 2

L 1

H 0

Correct output:

A 0

I 1

J 2

K 3

L 4

H 5

Content from your output file:

A 0

I 1

J 2

K 3

L 4

H 5

test case passed!

Input File:9

BFS

A

G

8

A B 2

A C 2

A D 2

A E 2

A F 2

F G 2

B C 1

C D 2

7

A 3

B 4

C 4

D 3

E 3

F 1

G 0

Correct output:

A 0

F 1

G 2

Content from your output file:

A 0

F 1

G 2

test case passed!

Input File:10

A\*

A

E

7

A B 1

A C 1

A D 4

D E 1

A E 5

B E 1

C E 2

5

A 3

B 1

C 2

D 1

E 0

Correct output:

A 0

B 1

E 2

Content from your output file:

A 0

B 1

E 2

test case passed!

Input File:11

BFS

A

E

6

A B 2

B C 2

C D 2

D E 2

A F 2

F E 2

6

A 4

B 3

C 2

D 1

F 1

E 0

Correct output:

A 0

F 1

E 2

Content from your output file:

A 0

F 1

E 2

test case passed!

Input File:12

BFS

A

E

4

A B 4

B C 4

C D 4

D E 4

5

A 4

B 3

C 2

D 1

E 0

Correct output:

A 0

B 1

C 2

D 3

E 4

Content from your output file:

A 0

B 1

C 2

D 3

E 4

test case passed!

Input File:13

DFS

A

E

4

A B 4

B C 4

C D 4

D E 4

5

A 4

B 3

C 2

D 1

E 0

Correct output:

A 0

B 1

C 2

D 3

E 4

Content from your output file:

A 0

B 1

C 2

D 3

E 4

test case passed!

Input File:14

A\*

A

E

6

A B 2

B C 2

C D 2

D E 2

A F 10

F E 10

6

A 4

B 3

C 2

D 1

F 1

E 0

Correct output:

A 0

B 2

C 4

D 6

E 8

Content from your output file:

A 0

B 2

C 4

D 6

E 8

test case passed!

Input File:15

BFS

A

C

6

A B 2

B C 2

D C 2

E D 2

A F 2

F E 2

6

A 2

B 1

D 1

F 3

E 2

C 0

Correct output:

A 0

B 1

C 2

Content from your output file:

A 0

B 1

C 2

test case passed!

Input File:16

UCS

A

D

4

A B 1

A C 1

B D 8

C D 8

4

A 5

B 3

C 2

D 0

Correct output:

A 0

B 1

D 9

Content from your output file:

A 0

B 1

D 9

test case passed!

Input File:17

A\*

A

D

4

A B 1

A C 1

B D 8

C D 8

4

A 5

B 3

C 2

D 0

Correct output:

A 0

C 1

D 9

Content from your output file:

A 0

C 1

D 9

test case passed!

Input File:18

A\*

A

D

4

A B 3

A C 3

B D 2

C D 1

4

A 4

B 2

C 1

D 0

Correct output:

A 0

C 3

D 4

Content from your output file:

A 0

C 3

D 4

test case passed!

Input File:19

BFS

A

D

4

A B 5

A C 3

B D 1

C D 2

4

A 4

B 1

C 1

D 0

Correct output:

A 0

B 1

D 2

Content from your output file:

A 0

B 1

D 2

test case passed!

Input File:20

A\*

JordanHome

StaplesCenter

8

JordanHome CA73/NewportCoastDr 5

CA73/NewportCoastDr I405/CA73 10

I405/CA73 I110/I405 25

I110/I405 I10/I110 20

I10/I110 I110/I405 30

I10/I110 I10/I405 9

I105/I110 I10/I110 7

I10/I110 StaplesCenter 3

8

JordanHome 55

CA73/NewportCoastDr 45

I405/CA73 40

I110/I405 16

I105/I110 8

I10/I110 2

I10/I405 3

StaplesCenter 0

Correct output:

JordanHome 0

CA73/NewportCoastDr 5

I405/CA73 15

I110/I405 40

I10/I110 60

StaplesCenter 63

Content from your output file:

JordanHome 0

CA73/NewportCoastDr 5

I405/CA73 15

I110/I405 40

I10/I110 60

StaplesCenter 63

test case passed!

Input File:21

BFS

Sibiu

Bucharest

5

Sibiu Rimnicu 80

Rimnicu Pitesti 97

Pitesti Bucharest 101

Sibiu Fagaras 99

Fagaras Bucharest 211

5

Sibiu 4

Rimnicu 1

Pitesti 1

Fagaras 1

Bucharest 0

Correct output:

Sibiu 0

Fagaras 1

Bucharest 2

Content from your output file:

Sibiu 0

Fagaras 1

Bucharest 2

test case passed!

Input File:22

UCS

Arad

Pitesti

22

Oradea Zerind 71

Oradea Sibiu 151

Zerind Arad 75

Arad Sibiu 140

Arad Timisoara 118

Timisoara Lugoj 111

Lugoj Mehadia 70

Mehadia Dobreta 75

Dobreta Craiova 120

Sibiu Fagaras 99

Sibiu Rimnicu 80

Rimnicu Craiova 146

Rimnicu Pitesti 97

Fagaras Bucharest 211

Pitesti Bucharest 101

Giurgiu Bucharest 90

Neamt Iasi 87

Iasi Vaslui 92

Vaslui Urziceni 142

Bucharest Urziceni 85

Urziceni Hirsova 98

Hirsova Eforie 86

20

Arad 366

Bucharest 0

Craiova 160

Dobreta 242

Eforie 161

Fagaras 176

Giurgiu 77

Hirsova 151

Iasi 226

Lugoj 244

Mehadia 241

Neamt 234

Oradea 380

Rimnicu 193

Sibiu 253

Timisoara 329

Urziceni 80

Vaslui 199

Zerind 374

Pitesti 0

Correct output:

Arad 0

Sibiu 140

Rimnicu 220

Pitesti 317

Content from your output file:

Arad 0

Sibiu 140

Rimnicu 220

Pitesti 317

test case passed!

Input File:23

A\*

Oradea

Bucharest

44

Oradea Zerind 71

Zerind Oradea 71

Oradea Sibiu 151

Sibiu Oradea 151

Zerind Arad 75

Arad Zerind 75

Arad Sibiu 140

Sibiu Arad 140

Arad Timisoara 118

Timisoara Arad 118

Timisoara Lugoj 111

Lugoj Timisoara 111

Lugoj Mehadia 70

Mehadia Lugoj 70

Mehadia Dobreta 75

Dobreta Mehadia 75

Dobreta Craiova 120

Craiova Dobreta 120

Sibiu Fagaras 99

Fagaras Sibiu 99

Sibiu Rimnicu 80

Rimnicu Sibiu 80

Rimnicu Craiova 146

Craiova Rimnicu 146

Rimnicu Pitesti 97

Pitesti Rimnicu 97

Fagaras Bucharest 211

Bucharest Fagaras 211

Pitesti Bucharest 101

Bucharest Pitesti 101

Giurgiu Bucharest 90

Bucharest Giurgiu 90

Neamt Iasi 87

Iasi Neamt 87

Iasi Vaslui 92

Vaslui Iasi 92

Vaslui Urziceni 142

Urziceni Vaslui 142

Bucharest Urziceni 85

Urziceni Bucharest 85

Urziceni Hirsova 98

Hirsova Urziceni 98

Hirsova Eforie 86

Eforie Hirsova 86

20

Arad 366

Craiova 160

Dobreta 242

Eforie 161

Fagaras 176

Giurgiu 77

Hirsova 151

Iasi 226

Lugoj 244

Mehadia 241

Neamt 234

Oradea 380

Pitesti 10

Rimnicu 193

Sibiu 253

Timisoara 329

Urziceni 80

Vaslui 199

Zerind 374

Bucharest 0

Correct output:

Oradea 0

Sibiu 151

Rimnicu 231

Pitesti 328

Bucharest 429

Content from your output file:

Oradea 0

Sibiu 151

Rimnicu 231

Pitesti 328

Bucharest 429

test case passed!

Input File:24

BFS

Oradea

Bucharest

44

Oradea Zerind 71

Zerind Oradea 71

Oradea Sibiu 151

Sibiu Oradea 151

Zerind Arad 75

Arad Zerind 75

Arad Sibiu 140

Sibiu Arad 140

Arad Timisoara 118

Timisoara Arad 118

Timisoara Lugoj 111

Lugoj Timisoara 111

Lugoj Mehadia 70

Mehadia Lugoj 70

Mehadia Dobreta 75

Dobreta Mehadia 75

Dobreta Craiova 120

Craiova Dobreta 120

Sibiu Fagaras 99

Fagaras Sibiu 99

Sibiu Rimnicu 80

Rimnicu Sibiu 80

Rimnicu Craiova 146

Craiova Rimnicu 146

Rimnicu Pitesti 97

Pitesti Rimnicu 97

Fagaras Bucharest 211

Bucharest Fagaras 211

Pitesti Bucharest 101

Bucharest Pitesti 101

Giurgiu Bucharest 90

Bucharest Giurgiu 90

Neamt Iasi 87

Iasi Neamt 87

Iasi Vaslui 92

Vaslui Iasi 92

Vaslui Urziceni 142

Urziceni Vaslui 142

Bucharest Urziceni 85

Urziceni Bucharest 85

Urziceni Hirsova 98

Hirsova Urziceni 98

Hirsova Eforie 86

Eforie Hirsova 86

20

Arad 366

Craiova 160

Dobreta 242

Eforie 161

Fagaras 176

Giurgiu 77

Hirsova 151

Iasi 226

Lugoj 244

Mehadia 241

Neamt 234

Oradea 380

Pitesti 10

Rimnicu 193

Sibiu 253

Timisoara 329

Urziceni 80

Vaslui 199

Zerind 374

Bucharest 0

Correct output:

Oradea 0

Sibiu 1

Fagaras 2

Bucharest 3

Content from your output file:

Oradea 0

Sibiu 1

Fagaras 2

Bucharest 3

test case passed!

Input File:25

UCS

Oradea

Bucharest

44

Oradea Zerind 71

Zerind Oradea 71

Oradea Sibiu 151

Sibiu Oradea 151

Zerind Arad 75

Arad Zerind 75

Arad Sibiu 140

Sibiu Arad 140

Arad Timisoara 118

Timisoara Arad 118

Timisoara Lugoj 111

Lugoj Timisoara 111

Lugoj Mehadia 70

Mehadia Lugoj 70

Mehadia Dobreta 75

Dobreta Mehadia 75

Dobreta Craiova 120

Craiova Dobreta 120

Sibiu Fagaras 99

Fagaras Sibiu 99

Sibiu Rimnicu 80

Rimnicu Sibiu 80

Rimnicu Craiova 146

Craiova Rimnicu 146

Rimnicu Pitesti 97

Pitesti Rimnicu 97

Fagaras Bucharest 211

Bucharest Fagaras 211

Pitesti Bucharest 101

Bucharest Pitesti 101

Giurgiu Bucharest 90

Bucharest Giurgiu 90

Neamt Iasi 87

Iasi Neamt 87

Iasi Vaslui 92

Vaslui Iasi 92

Vaslui Urziceni 142

Urziceni Vaslui 142

Bucharest Urziceni 85

Urziceni Bucharest 85

Urziceni Hirsova 98

Hirsova Urziceni 98

Hirsova Eforie 86

Eforie Hirsova 86

20

Arad 366

Craiova 160

Dobreta 242

Eforie 161

Fagaras 176

Giurgiu 77

Hirsova 151

Iasi 226

Lugoj 244

Mehadia 241

Neamt 234

Oradea 380

Pitesti 10

Rimnicu 193

Sibiu 253

Timisoara 329

Urziceni 80

Vaslui 199

Zerind 374

Bucharest 0

Correct output:

Oradea 0

Sibiu 151

Rimnicu 231

Pitesti 328

Bucharest 429

Content from your output file:

Oradea 0

Sibiu 151

Rimnicu 231

Pitesti 328

Bucharest 429

test case passed!

Input File:26

DFS

Oradea

Bucharest

44

Oradea Zerind 71

Zerind Oradea 71

Oradea Sibiu 151

Sibiu Oradea 151

Zerind Arad 75

Arad Zerind 75

Arad Sibiu 140

Sibiu Arad 140

Arad Timisoara 118

Timisoara Arad 118

Timisoara Lugoj 111

Lugoj Timisoara 111

Lugoj Mehadia 70

Mehadia Lugoj 70

Mehadia Dobreta 75

Dobreta Mehadia 75

Dobreta Craiova 120

Craiova Dobreta 120

Sibiu Fagaras 99

Fagaras Sibiu 99

Sibiu Rimnicu 80

Rimnicu Sibiu 80

Rimnicu Craiova 146

Craiova Rimnicu 146

Rimnicu Pitesti 97

Pitesti Rimnicu 97

Fagaras Bucharest 211

Bucharest Fagaras 211

Pitesti Bucharest 101

Bucharest Pitesti 101

Giurgiu Bucharest 90

Bucharest Giurgiu 90

Neamt Iasi 87

Iasi Neamt 87

Iasi Vaslui 92

Vaslui Iasi 92

Vaslui Urziceni 142

Urziceni Vaslui 142

Bucharest Urziceni 85

Urziceni Bucharest 85

Urziceni Hirsova 98

Hirsova Urziceni 98

Hirsova Eforie 86

Eforie Hirsova 86

20

Arad 366

Craiova 160

Dobreta 242

Eforie 161

Fagaras 176

Giurgiu 77

Hirsova 151

Iasi 226

Lugoj 244

Mehadia 241

Neamt 234

Oradea 380

Pitesti 10

Rimnicu 193

Sibiu 253

Timisoara 329

Urziceni 80

Vaslui 199

Zerind 374

Bucharest 0

Correct output:

Oradea 0

Zerind 1

Arad 2

Timisoara 3

Lugoj 4

Mehadia 5

Dobreta 6

Craiova 7

Rimnicu 8

Pitesti 9

Bucharest 10

Content from your output file:

Oradea 0

Zerind 1

Arad 2

Timisoara 3

Lugoj 4

Mehadia 5

Dobreta 6

Craiova 7

Rimnicu 8

Pitesti 9

Bucharest 10

test case passed!

Input File:27

DFS

Oradea

Neamt

44

Oradea Zerind 71

Zerind Oradea 71

Oradea Sibiu 151

Sibiu Oradea 151

Zerind Arad 75

Arad Zerind 75

Arad Sibiu 140

Sibiu Arad 140

Arad Timisoara 118

Timisoara Arad 118

Timisoara Lugoj 111

Lugoj Timisoara 111

Lugoj Mehadia 70

Mehadia Lugoj 70

Mehadia Dobreta 75

Dobreta Mehadia 75

Dobreta Craiova 120

Craiova Dobreta 120

Sibiu Fagaras 99

Fagaras Sibiu 99

Sibiu Rimnicu 80

Rimnicu Sibiu 80

Rimnicu Craiova 146

Craiova Rimnicu 146

Rimnicu Pitesti 97

Pitesti Rimnicu 97

Fagaras Bucharest 211

Bucharest Fagaras 211

Pitesti Bucharest 101

Bucharest Pitesti 101

Giurgiu Bucharest 90

Bucharest Giurgiu 90

Neamt Iasi 87

Iasi Neamt 87

Iasi Vaslui 92

Vaslui Iasi 92

Vaslui Urziceni 142

Urziceni Vaslui 142

Bucharest Urziceni 85

Urziceni Bucharest 85

Urziceni Hirsova 98

Hirsova Urziceni 98

Hirsova Eforie 86

Eforie Hirsova 86

20

Arad 366

Bucharest 0

Craiova 160

Dobreta 242

Eforie 161

Fagaras 176

Giurgiu 77

Hirsova 151

Iasi 226

Lugoj 244

Mehadia 241

Oradea 380

Pitesti 10

Rimnicu 193

Sibiu 253

Timisoara 329

Urziceni 80

Vaslui 199

Zerind 374

Neamt 0

Correct output:

Oradea 0

Zerind 1

Arad 2

Timisoara 3

Lugoj 4

Mehadia 5

Dobreta 6

Craiova 7

Rimnicu 8

Pitesti 9

Bucharest 10

Urziceni 11

Vaslui 12

Iasi 13

Neamt 14

Content from your output file:

Oradea 0

Zerind 1

Arad 2

Timisoara 3

Lugoj 4

Mehadia 5

Dobreta 6

Craiova 7

Rimnicu 8

Pitesti 9

Bucharest 10

Urziceni 11

Vaslui 12

Iasi 13

Neamt 14

test case passed!

Input File:28

BFS

Oradea

Neamt

44

Oradea Zerind 71

Zerind Oradea 71

Oradea Sibiu 151

Sibiu Oradea 151

Zerind Arad 75

Arad Zerind 75

Arad Sibiu 140

Sibiu Arad 140

Arad Timisoara 118

Timisoara Arad 118

Timisoara Lugoj 111

Lugoj Timisoara 111

Lugoj Mehadia 70

Mehadia Lugoj 70

Mehadia Dobreta 75

Dobreta Mehadia 75

Dobreta Craiova 120

Craiova Dobreta 120

Sibiu Fagaras 99

Fagaras Sibiu 99

Sibiu Rimnicu 80

Rimnicu Sibiu 80

Rimnicu Craiova 146

Craiova Rimnicu 146

Rimnicu Pitesti 97

Pitesti Rimnicu 97

Fagaras Bucharest 211

Bucharest Fagaras 211

Pitesti Bucharest 101

Bucharest Pitesti 101

Giurgiu Bucharest 90

Bucharest Giurgiu 90

Neamt Iasi 87

Iasi Neamt 87

Iasi Vaslui 92

Vaslui Iasi 92

Vaslui Urziceni 142

Urziceni Vaslui 142

Bucharest Urziceni 85

Urziceni Bucharest 85

Urziceni Hirsova 98

Hirsova Urziceni 98

Hirsova Eforie 86

Eforie Hirsova 86

20

Arad 366

Bucharest 0

Craiova 160

Dobreta 242

Eforie 161

Fagaras 176

Giurgiu 77

Hirsova 151

Iasi 226

Lugoj 244

Mehadia 241

Oradea 380

Pitesti 10

Rimnicu 193

Sibiu 253

Timisoara 329

Urziceni 80

Vaslui 199

Zerind 374

Neamt 0

Correct output:

Oradea 0

Sibiu 1

Fagaras 2

Bucharest 3

Urziceni 4

Vaslui 5

Iasi 6

Neamt 7

Content from your output file:

Oradea 0

Sibiu 1

Fagaras 2

Bucharest 3

Urziceni 4

Vaslui 5

Iasi 6

Neamt 7

test case passed!

Input File:29

A\*

Neamt

Oradea

44

Oradea Zerind 71

Zerind Oradea 71

Oradea Sibiu 151

Sibiu Oradea 151

Zerind Arad 75

Arad Zerind 75

Arad Sibiu 140

Sibiu Arad 140

Arad Timisoara 118

Timisoara Arad 118

Timisoara Lugoj 111

Lugoj Timisoara 111

Lugoj Mehadia 70

Mehadia Lugoj 70

Mehadia Dobreta 75

Dobreta Mehadia 75

Dobreta Craiova 120

Craiova Dobreta 120

Sibiu Fagaras 99

Fagaras Sibiu 99

Sibiu Rimnicu 80

Rimnicu Sibiu 80

Rimnicu Craiova 146

Craiova Rimnicu 146

Rimnicu Pitesti 97

Pitesti Rimnicu 97

Fagaras Bucharest 211

Bucharest Fagaras 211

Pitesti Bucharest 101

Bucharest Pitesti 101

Giurgiu Bucharest 90

Bucharest Giurgiu 90

Neamt Iasi 87

Iasi Neamt 87

Iasi Vaslui 92

Vaslui Iasi 92

Vaslui Urziceni 142

Urziceni Vaslui 142

Bucharest Urziceni 85

Urziceni Bucharest 85

Urziceni Hirsova 98

Hirsova Urziceni 98

Hirsova Eforie 86

Eforie Hirsova 86

20

Arad 366

Bucharest 0

Craiova 160

Dobreta 242

Eforie 161

Fagaras 176

Giurgiu 77

Hirsova 151

Iasi 226

Lugoj 244

Mehadia 241

Neamt 234

Pitesti 10

Rimnicu 193

Sibiu 253

Timisoara 329

Urziceni 80

Vaslui 199

Zerind 374

Oradea 0

Correct output:

Neamt 0

Iasi 87

Vaslui 179

Urziceni 321

Bucharest 406

Pitesti 507

Rimnicu 604

Sibiu 684

Oradea 835

Content from your output file:

Neamt 0

Iasi 87

Vaslui 179

Urziceni 321

Bucharest 406

Pitesti 507

Rimnicu 604

Sibiu 684

Oradea 835

test case passed!

Input File:30

UCS

Neamt

Oradea

44

Oradea Zerind 71

Zerind Oradea 71

Oradea Sibiu 151

Sibiu Oradea 151

Zerind Arad 75

Arad Zerind 75

Arad Sibiu 140

Sibiu Arad 140

Arad Timisoara 118

Timisoara Arad 118

Timisoara Lugoj 111

Lugoj Timisoara 111

Lugoj Mehadia 70

Mehadia Lugoj 70

Mehadia Dobreta 75

Dobreta Mehadia 75

Dobreta Craiova 120

Craiova Dobreta 120

Sibiu Fagaras 99

Fagaras Sibiu 99

Sibiu Rimnicu 80

Rimnicu Sibiu 80

Rimnicu Craiova 146

Craiova Rimnicu 146

Rimnicu Pitesti 97

Pitesti Rimnicu 97

Fagaras Bucharest 211

Bucharest Fagaras 211

Pitesti Bucharest 101

Bucharest Pitesti 101

Giurgiu Bucharest 90

Bucharest Giurgiu 90

Neamt Iasi 87

Iasi Neamt 87

Iasi Vaslui 92

Vaslui Iasi 92

Vaslui Urziceni 142

Urziceni Vaslui 142

Bucharest Urziceni 85

Urziceni Bucharest 85

Urziceni Hirsova 98

Hirsova Urziceni 98

Hirsova Eforie 86

Eforie Hirsova 86

20

Arad 366

Bucharest 0

Craiova 160

Dobreta 242

Eforie 161

Fagaras 176

Giurgiu 77

Hirsova 151

Iasi 226

Lugoj 244

Mehadia 241

Neamt 234

Pitesti 10

Rimnicu 193

Sibiu 253

Timisoara 329

Urziceni 80

Vaslui 199

Zerind 374

Oradea 0

Correct output:

Neamt 0

Iasi 87

Vaslui 179

Urziceni 321

Bucharest 406

Pitesti 507

Rimnicu 604

Sibiu 684

Oradea 835

Content from your output file:

Neamt 0

Iasi 87

Vaslui 179

Urziceni 321

Bucharest 406

Pitesti 507

Rimnicu 604

Sibiu 684

Oradea 835

test case passed!

Input File:31

A\*

Oradea

Neamt

44

Oradea Zerind 71

Zerind Oradea 71

Oradea Sibiu 151

Sibiu Oradea 151

Zerind Arad 75

Arad Zerind 75

Arad Sibiu 140

Sibiu Arad 140

Arad Timisoara 118

Timisoara Arad 118

Timisoara Lugoj 111

Lugoj Timisoara 111

Lugoj Mehadia 70

Mehadia Lugoj 70

Mehadia Dobreta 75

Dobreta Mehadia 75

Dobreta Craiova 120

Craiova Dobreta 120

Sibiu Fagaras 99

Fagaras Sibiu 99

Sibiu Rimnicu 80

Rimnicu Sibiu 80

Rimnicu Craiova 146

Craiova Rimnicu 146

Rimnicu Pitesti 97

Pitesti Rimnicu 97

Fagaras Bucharest 211

Bucharest Fagaras 211

Pitesti Bucharest 101

Bucharest Pitesti 101

Giurgiu Bucharest 90

Bucharest Giurgiu 90

Neamt Iasi 87

Iasi Neamt 87

Iasi Vaslui 92

Vaslui Iasi 92

Vaslui Urziceni 142

Urziceni Vaslui 142

Bucharest Urziceni 85

Urziceni Bucharest 85

Urziceni Hirsova 98

Hirsova Urziceni 98

Hirsova Eforie 86

Eforie Hirsova 86

20

Arad 0

Bucharest 0

Craiova 0

Dobreta 0

Eforie 0

Fagaras 0

Giurgiu 0

Hirsova 0

Iasi 0

Lugoj 0

Mehadia 0

Oradea 0

Pitesti 0

Rimnicu 0

Sibiu 0

Timisoara 0

Urziceni 0

Vaslui 0

Zerind 0

Neamt 0

Correct output:

Oradea 0

Sibiu 151

Rimnicu 231

Pitesti 328

Bucharest 429

Urziceni 514

Vaslui 656

Iasi 748

Neamt 835

Content from your output file:

Oradea 0

Sibiu 151

Rimnicu 231

Pitesti 328

Bucharest 429

Urziceni 514

Vaslui 656

Iasi 748

Neamt 835

test case passed!

Input File:32

BFS

A

H

9

A B 1

A C 1

A D 1

B E 2

C F 2

D G 2

E H 1

F H 1

G H 1

1

A 999

B 998

C 997

D 996

E 995

F 995

G 990

H 0

./.vocGradingShellScriptInternal\_19015.sh: line 74: 17369 Segmentation fault ./homework.out

Correct output:

A 0

B 1

E 2

H 3

Content from your output file:

test case not passed!

Input File:33

DFS

A

D

4

A B 5

A C 3

B D 1

C D 2

4

A 4

B 1

C 1

D 0

Correct output:

A 0

B 1

D 2

Content from your output file:

A 0

B 1

D 2

test case passed!

Input File:34

UCS

A

E

6

A B 1

B C 1

C D 1

D E 1

A E 10

B E 5

5

A 4

B 1

C 1

D 1

E 0

Correct output:

A 0

B 1

C 2

D 3

E 4

Content from your output file:

A 0

B 1

C 2

D 3

E 4

test case passed!

Input File:35

A\*

A

E

6

A B 1

B C 1

C D 1

D E 1

A E 10

B E 5

5

A 4

B 1

C 1

D 1

E 0

Correct output:

A 0

B 1

C 2

D 3

E 4

Content from your output file:

A 0

B 1

C 2

D 3

E 4

test case passed!

Input File:36

BFS

A

A

6

A B 1

B C 1

C D 1

D E 1

A E 10

B E 5

5

A 4

B 1

C 1

D 1

E 0

Correct output:

A 0

Content from your output file:

A 0

test case passed!

Input File:37

DFS

A

E

5

A B 1

B C 1

C D 1

A E 10

B E 5

5

A 4

B 1

C 1

D 1

E 0

Correct output:

A 0

E 1

Content from your output file:

A 0

E 1

test case passed!

Input File:38

A\*

A

E

5

A B 1

B C 1

C D 1

A E 10

B E 5

5

A 4

B 1

C 1

D 1

E 0

Correct output:

A 0

B 1

E 6

Content from your output file:

A 0

B 1

E 6

test case passed!

Input File:39

UCS

A

E

5

A B 1

B C 1

C D 1

A E 10

B E 5

5

A 4

B 1

C 1

D 1

E 0

Correct output:

A 0

B 1

E 6

Content from your output file:

A 0

B 1

E 6

test case passed!

Input File:40

BFS

A

E

5

A B 1

B C 1

C D 1

A E 10

B E 5

5

A 4

B 1

C 1

D 1

E 0

Correct output:

A 0

E 1

Content from your output file:

A 0

E 1

test case passed!

Input File:41

DFS

A

F

8

A B 6

A C 1

B D 1

B E 10

E B 1

C E 1

D F 1

E F 6

6

A 3

B 2

C 2

D 1

E 1

F 0

Correct output:

A 0

B 1

D 2

F 3

Content from your output file:

A 0

B 1

D 2

F 3

test case passed!

Input File:42

A\*

A

F

8

A B 6

A C 1

B D 1

B E 10

E B 1

C E 1

D F 1

E F 6

6

A 3

B 2

C 2

D 1

E 1

F 0

Correct output:

A 0

C 1

E 2

B 3

D 4

F 5

Content from your output file:

A 0

C 1

E 2

B 3

D 4

F 5

test case passed!

Input File:43

DFS

A

C

7

A B 1

A C 10

B C 8

C B 1

C A 1

B D 2

D C 3

4

A 3

B 1

C 0

D 1

Correct output:

A 0

C 1

Content from your output file:

A 0

C 1

test case passed!

Input File:44

A\*

A

C

7

A B 1

A C 10

B C 8

C B 1

C A 1

B D 2

D C 3

4

A 3

B 1

C 0

D 1

Correct output:

A 0

B 1

D 3

C 6

Content from your output file:

A 0

B 1

D 3

C 6

test case passed!

Input File:45

BFS

A

G

9

A C 1

A B 10

D B 1

B D 1

E D 1

F E 1

C F 1

C G 10

B G 1

7

A 3

B 1

C 3

D 1

E 2

F 2

G 0

Correct output:

A 0

C 1

G 2

Content from your output file:

A 0

C 1

G 2

test case passed!

Input File:46

UCS

A

G

9

A C 1

A B 10

D B 1

B D 1

E D 1

F E 1

C F 1

C G 10

B G 1

7

A 3

B 1

C 3

D 1

E 2

F 2

G 0

Correct output:

A 0

C 1

F 2

E 3

D 4

B 5

G 6

Content from your output file:

A 0

C 1

F 2

E 3

D 4

B 5

G 6

test case passed!

Input File:47

A\*

A

G

9

A C 1

A B 10

D B 1

B D 1

E D 1

F E 1

C F 1

C G 10

B G 1

7

A 3

B 1

C 3

D 1

E 2

F 2

G 0

Correct output:

A 0

C 1

F 2

E 3

D 4

B 5

G 6

Content from your output file:

A 0

C 1

F 2

E 3

D 4

B 5

G 6

test case passed!

Input File:48

DFS

A

H

12

A B 1

B C 1

C D 1

A E 10

E F 2

F G 3

G H 3

A I 1

I J 1

J K 1

K L 1

L H 1

12

A 4

I 3

B 3

E 3

J 3

C 2

F 2

K 2

L 1

G 1

D 1

H 0

Correct output:

A 0

E 1

F 2

G 3

H 4

Content from your output file:

A 0

E 1

F 2

G 3

H 4

test case passed!

Input File:49

DFS

Andy

Zoe

10

Andy Bill 4

Andy Claire 3

Andy Daniel 2

Bill Elaine 3

Bill Zoe 1

Claire Elaine 4

Claire Zoe 2

Daniel Elaine 2

Daniel Zoe 2

Elaine Zoe 2

6

Andy 2

Bill 1

Claire 1

Daniel 1

Elaine 1

Zoe 0

Correct output:

Andy 0

Bill 1

Zoe 2

Content from your output file:

Andy 0

Bill 1

Zoe 2

test case passed!

Input File:50

UCS

A

G

6

A B 2

A C 3

B D 3

C E 2

D G 1

E G 1

6

A 3

B 2

C 2

D 1

E 1

G 0

Correct output:

A 0

B 2

D 5

G 6

Content from your output file:

A 0

B 2

D 5

G 6

test case passed!

49