Problem 1:

Cycle Cancelling:

Initial:

From: -1 To: 0 Capacity: 4 Cost :0

From: 0 To: 1 Capacity: 4 Cost :2

From: 0 To: 2 Capacity: 2 Cost :2

From: 1 To: 2 Capacity: 2 Cost :1

From: 1 To: 3 Capacity: 3 Cost :3

From: 2 To: 3 Capacity: 5 Cost :1

From: 3 To: 4 Capacity: 4 Cost :0

Final Network:

From: -1 To: 0 flow: 4 Cost :0

From: 0 To: 1 flow: 2 Cost :2

From: 0 To: 2 flow: 2 Cost :2

From: 1 To: 2 flow: 2 Cost :1

From: 1 To: 3 flow: 0 Cost :3

From: 2 To: 3 flow: 4 Cost :1

From: 3 To: 4 flow: 4 Cost :0

n: 6 m: 7 Time taken: 0.43s

Successive Shortest Path:

Initial:

From: 0 To: 1 Capacity: 4 Cost :2

From: 0 To: 2 Capacity: 2 Cost :2

From: 1 To: 2 Capacity: 2 Cost :1

From: 1 To: 3 Capacity: 3 Cost :3

From: 2 To: 3 Capacity: 5 Cost :1

Final Network:

From: 0 To: 1 flow: 2 Cost :2

From: 0 To: 2 flow: 2 Cost :2

From: 1 To: 2 flow: 2 Cost :1

From: 1 To: 3 flow: 0 Cost :3

From: 2 To: 3 flow: 4 Cost :1

n: 4 m: 5 Time taken: 0.07s

Problem 2:

Cycle Cancelling:

From: -1 To: 0 Capacity: 5 Cost :0

From: -1 To: 1 Capacity: 3 Cost :0

From: 0 To: 1 Capacity: 10 Cost :4

From: 0 To: 2 Capacity: 6 Cost :3

From: 1 To: 2 Capacity: 3 Cost :4

From: 1 To: 3 Capacity: 1 Cost :2

From: 1 To: 4 Capacity: 7 Cost :5

From: 2 To: 3 Capacity: 6 Cost :1

From: 2 To: 4 Capacity: 5 Cost :1

From: 3 To: 4 Capacity: 3 Cost :1

From: 3 To: 5 Capacity: 1 Cost :1

From: 4 To: 5 Capacity: 8 Cost :2

From: 4 To: 6 Capacity: 2 Cost :0

From: 5 To: 6 Capacity: 6 Cost :0

Final Network:

From: -1 To: 0 flow: 5 Cost :0

From: -1 To: 1 flow: 3 Cost :0

From: 0 To: 1 flow: 0 Cost :4

From: 0 To: 2 flow: 5 Cost :3

From: 1 To: 2 flow: 0 Cost :4

From: 1 To: 3 flow: 1 Cost :2

From: 1 To: 4 flow: 2 Cost :5

From: 2 To: 3 flow: 0 Cost :1

From: 2 To: 4 flow: 5 Cost :1

From: 3 To: 4 flow: 0 Cost :1

From: 3 To: 5 flow: 1 Cost :1

From: 4 To: 5 flow: 5 Cost :2

From: 4 To: 6 flow: 2 Cost :0

From: 5 To: 6 flow: 6 Cost :0

n: 8 m: 14 Time taken: 0.56s

Successive Shortest Path:

Initial:

From: 0 To: 1 Capacity: 10 Cost :4

From: 0 To: 2 Capacity: 6 Cost :3

From: 1 To: 2 Capacity: 3 Cost :4

From: 1 To: 3 Capacity: 1 Cost :2

From: 1 To: 4 Capacity: 7 Cost :5

From: 2 To: 3 Capacity: 6 Cost :1

From: 2 To: 4 Capacity: 5 Cost :1

From: 3 To: 4 Capacity: 3 Cost :1

From: 3 To: 5 Capacity: 1 Cost :1

From: 4 To: 5 Capacity: 8 Cost :2

Final Network:

From: 0 To: 1 flow: 0 Cost :4

From: 0 To: 2 flow: 5 Cost :3

From: 1 To: 2 flow: 0 Cost :4

From: 1 To: 3 flow: 1 Cost :2

From: 1 To: 4 flow: 2 Cost :5

From: 2 To: 3 flow: 0 Cost :1

From: 2 To: 4 flow: 5 Cost :1

From: 3 To: 4 flow: 0 Cost :1

From: 3 To: 5 flow: 1 Cost :1

From: 4 To: 5 flow: 5 Cost :2

n: 6 m: 10 Time taken: 0.25s

Problem 3:

Cycle Cancelling:

Initial:

From: 1 To: 12 Capacity: 10 Cost :0

From: 1 To: 8 Capacity: 20 Cost :0

From: 2 To: 8 Capacity: 5 Cost :0

From: 2 To: 9 Capacity: 15 Cost :0

From: 2 To: 20 Capacity: 5 Cost :0

From: 3 To: 15 Capacity: 8 Cost :0

From: 4 To: 10 Capacity: 12 Cost :0

From: 6 To: 17 Capacity: 10 Cost :0

From: 6 To: 13 Capacity: 20 Cost :0

From: 7 To: 13 Capacity: 5 Cost :0

From: 7 To: 14 Capacity: 15 Cost :0

From: 7 To: 25 Capacity: 5 Cost :0

From: 8 To: 20 Capacity: 8 Cost :0

From: 9 To: 15 Capacity: 12 Cost :0

From: 11 To: 22 Capacity: 10 Cost :0

From: 11 To: 18 Capacity: 20 Cost :0

From: 12 To: 18 Capacity: 5 Cost :0

From: 12 To: 19 Capacity: 15 Cost :0

From: 12 To: 30 Capacity: 5 Cost :0

From: 13 To: 25 Capacity: 8 Cost :0

From: 14 To: 20 Capacity: 12 Cost :0

From: 16 To: 27 Capacity: 10 Cost :0

From: 16 To: 23 Capacity: 20 Cost :0

From: 17 To: 23 Capacity: 5 Cost :0

From: 17 To: 24 Capacity: 15 Cost :0

From: 17 To: 35 Capacity: 5 Cost :0

From: 18 To: 30 Capacity: 8 Cost :0

From: 19 To: 25 Capacity: 12 Cost :0

From: 21 To: 32 Capacity: 10 Cost :0

From: 21 To: 28 Capacity: 20 Cost :0

From: 22 To: 28 Capacity: 5 Cost :0

From: 22 To: 29 Capacity: 15 Cost :0

From: 22 To: 40 Capacity: 5 Cost :0

From: 23 To: 35 Capacity: 8 Cost :0

From: 24 To: 30 Capacity: 12 Cost :0

From: 26 To: 37 Capacity: 10 Cost :0

From: 26 To: 33 Capacity: 20 Cost :0

From: 27 To: 33 Capacity: 5 Cost :0

From: 27 To: 34 Capacity: 15 Cost :0

From: 27 To: 45 Capacity: 5 Cost :0

From: 28 To: 40 Capacity: 8 Cost :0

From: 29 To: 35 Capacity: 12 Cost :0

From: 0 To: 1 Capacity: 10000 Cost :0

From: 0 To: 6 Capacity: 10000 Cost :0

From: 0 To: 11 Capacity: 10000 Cost :0

From: 0 To: 16 Capacity: 10000 Cost :0

From: 0 To: 21 Capacity: 10000 Cost :0

From: 0 To: 26 Capacity: 10000 Cost :0

From: 5 To: 46 Capacity: 10000 Cost :5

From: 10 To: 46 Capacity: 10000 Cost :10

From: 15 To: 46 Capacity: 10000 Cost :20

From: 20 To: 46 Capacity: 10000 Cost :40

From: 25 To: 46 Capacity: 10000 Cost :80

From: 30 To: 46 Capacity: 10000 Cost :160

From: -1 To: 0 Capacity: 40 Cost :0

From: 46 To: 47 Capacity: 40 Cost :0

Final Network:

From: 1 To: 12 flow: 10 Cost :0

From: 1 To: 8 flow: 8 Cost :0

From: 2 To: 8 flow: 0 Cost :0

From: 2 To: 9 flow: 0 Cost :0

From: 2 To: 20 flow: 0 Cost :0

From: 3 To: 15 flow: 0 Cost :0

From: 4 To: 10 flow: 0 Cost :0

From: 6 To: 17 flow: 6 Cost :0

From: 6 To: 13 flow: 8 Cost :0

From: 7 To: 13 flow: 0 Cost :0

From: 7 To: 14 flow: 0 Cost :0

From: 7 To: 25 flow: 0 Cost :0

From: 8 To: 20 flow: 8 Cost :0

From: 9 To: 15 flow: 0 Cost :0

From: 11 To: 22 flow: 0 Cost :0

From: 11 To: 18 flow: 8 Cost :0

From: 12 To: 18 flow: 0 Cost :0

From: 12 To: 19 flow: 10 Cost :0

From: 12 To: 30 flow: 0 Cost :0

From: 13 To: 25 flow: 8 Cost :0

From: 14 To: 20 flow: 0 Cost :0

From: 16 To: 27 flow: 0 Cost :0

From: 16 To: 23 flow: 0 Cost :0

From: 17 To: 23 flow: 0 Cost :0

From: 17 To: 24 flow: 6 Cost :0

From: 17 To: 35 flow: 0 Cost :0

From: 18 To: 30 flow: 8 Cost :0

From: 19 To: 25 flow: 10 Cost :0

From: 21 To: 32 flow: 0 Cost :0

From: 21 To: 28 flow: 0 Cost :0

From: 22 To: 28 flow: 0 Cost :0

From: 22 To: 29 flow: 0 Cost :0

From: 22 To: 40 flow: 0 Cost :0

From: 23 To: 35 flow: 0 Cost :0

From: 24 To: 30 flow: 6 Cost :0

From: 26 To: 37 flow: 0 Cost :0

From: 26 To: 33 flow: 0 Cost :0

From: 27 To: 33 flow: 0 Cost :0

From: 27 To: 34 flow: 0 Cost :0

From: 27 To: 45 flow: 0 Cost :0

From: 28 To: 40 flow: 0 Cost :0

From: 29 To: 35 flow: 0 Cost :0

From: 0 To: 1 flow: 18 Cost :0

From: 0 To: 6 flow: 14 Cost :0

From: 0 To: 11 flow: 8 Cost :0

From: 0 To: 16 flow: 0 Cost :0

From: 0 To: 21 flow: 0 Cost :0

From: 0 To: 26 flow: 0 Cost :0

From: 5 To: 46 flow: 0 Cost :5

From: 10 To: 46 flow: 0 Cost :10

From: 15 To: 46 flow: 0 Cost :20

From: 20 To: 46 flow: 8 Cost :40

From: 25 To: 46 flow: 18 Cost :80

From: 30 To: 46 flow: 14 Cost :160

From: -1 To: 0 flow: 40 Cost :0

From: 46 To: 47 flow: 40 Cost :0

n: 49 m: 56 Time taken: 3.31s

Successive Shortest Path:

Initial:

From: 1 To: 12 Capacity: 10 Cost :0

From: 1 To: 8 Capacity: 20 Cost :0

From: 2 To: 8 Capacity: 5 Cost :0

From: 2 To: 9 Capacity: 15 Cost :0

From: 2 To: 20 Capacity: 5 Cost :0

From: 3 To: 15 Capacity: 8 Cost :0

From: 4 To: 10 Capacity: 12 Cost :0

From: 6 To: 17 Capacity: 10 Cost :0

From: 6 To: 13 Capacity: 20 Cost :0

From: 7 To: 13 Capacity: 5 Cost :0

From: 7 To: 14 Capacity: 15 Cost :0

From: 7 To: 25 Capacity: 5 Cost :0

From: 8 To: 20 Capacity: 8 Cost :0

From: 9 To: 15 Capacity: 12 Cost :0

From: 11 To: 22 Capacity: 10 Cost :0

From: 11 To: 18 Capacity: 20 Cost :0

From: 12 To: 18 Capacity: 5 Cost :0

From: 12 To: 19 Capacity: 15 Cost :0

From: 12 To: 30 Capacity: 5 Cost :0

From: 13 To: 25 Capacity: 8 Cost :0

From: 14 To: 20 Capacity: 12 Cost :0

From: 16 To: 27 Capacity: 10 Cost :0

From: 16 To: 23 Capacity: 20 Cost :0

From: 17 To: 23 Capacity: 5 Cost :0

From: 17 To: 24 Capacity: 15 Cost :0

From: 17 To: 35 Capacity: 5 Cost :0

From: 18 To: 30 Capacity: 8 Cost :0

From: 19 To: 25 Capacity: 12 Cost :0

From: 21 To: 32 Capacity: 10 Cost :0

From: 21 To: 28 Capacity: 20 Cost :0

From: 22 To: 28 Capacity: 5 Cost :0

From: 22 To: 29 Capacity: 15 Cost :0

From: 22 To: 40 Capacity: 5 Cost :0

From: 23 To: 35 Capacity: 8 Cost :0

From: 24 To: 30 Capacity: 12 Cost :0

From: 26 To: 37 Capacity: 10 Cost :0

From: 26 To: 33 Capacity: 20 Cost :0

From: 27 To: 33 Capacity: 5 Cost :0

From: 27 To: 34 Capacity: 15 Cost :0

From: 27 To: 45 Capacity: 5 Cost :0

From: 28 To: 40 Capacity: 8 Cost :0

From: 29 To: 35 Capacity: 12 Cost :0

From: 0 To: 1 Capacity: 10000 Cost :0

From: 0 To: 6 Capacity: 10000 Cost :0

From: 0 To: 11 Capacity: 10000 Cost :0

From: 0 To: 16 Capacity: 10000 Cost :0

From: 0 To: 21 Capacity: 10000 Cost :0

From: 0 To: 26 Capacity: 10000 Cost :0

From: 5 To: 46 Capacity: 10000 Cost :5

From: 10 To: 46 Capacity: 10000 Cost :10

From: 15 To: 46 Capacity: 10000 Cost :20

From: 20 To: 46 Capacity: 10000 Cost :40

From: 25 To: 46 Capacity: 10000 Cost :80

From: 30 To: 46 Capacity: 10000 Cost :160

Final Network:

From: 1 To: 12 flow: 10 Cost :0

From: 1 To: 8 flow: 8 Cost :0

From: 2 To: 8 flow: 0 Cost :0

From: 2 To: 9 flow: 0 Cost :0

From: 2 To: 20 flow: 0 Cost :0

From: 3 To: 15 flow: 0 Cost :0

From: 4 To: 10 flow: 0 Cost :0

From: 6 To: 17 flow: 6 Cost :0

From: 6 To: 13 flow: 8 Cost :0

From: 7 To: 13 flow: 0 Cost :0

From: 7 To: 14 flow: 0 Cost :0

From: 7 To: 25 flow: 0 Cost :0

From: 8 To: 20 flow: 8 Cost :0

From: 9 To: 15 flow: 0 Cost :0

From: 11 To: 22 flow: 0 Cost :0

From: 11 To: 18 flow: 8 Cost :0

From: 12 To: 18 flow: 0 Cost :0

From: 12 To: 19 flow: 10 Cost :0

From: 12 To: 30 flow: 0 Cost :0

From: 13 To: 25 flow: 8 Cost :0

From: 14 To: 20 flow: 0 Cost :0

From: 16 To: 27 flow: 0 Cost :0

From: 16 To: 23 flow: 0 Cost :0

From: 17 To: 23 flow: 0 Cost :0

From: 17 To: 24 flow: 6 Cost :0

From: 17 To: 35 flow: 0 Cost :0

From: 18 To: 30 flow: 8 Cost :0

From: 19 To: 25 flow: 10 Cost :0

From: 21 To: 32 flow: 0 Cost :0

From: 21 To: 28 flow: 0 Cost :0

From: 22 To: 28 flow: 0 Cost :0

From: 22 To: 29 flow: 0 Cost :0

From: 22 To: 40 flow: 0 Cost :0

From: 23 To: 35 flow: 0 Cost :0

From: 24 To: 30 flow: 6 Cost :0

From: 26 To: 37 flow: 0 Cost :0

From: 26 To: 33 flow: 0 Cost :0

From: 27 To: 33 flow: 0 Cost :0

From: 27 To: 34 flow: 0 Cost :0

From: 27 To: 45 flow: 0 Cost :0

From: 28 To: 40 flow: 0 Cost :0

From: 29 To: 35 flow: 0 Cost :0

From: 0 To: 1 flow: 18 Cost :0

From: 0 To: 6 flow: 14 Cost :0

From: 0 To: 11 flow: 8 Cost :0

From: 0 To: 16 flow: 0 Cost :0

From: 0 To: 21 flow: 0 Cost :0

From: 0 To: 26 flow: 0 Cost :0

From: 5 To: 46 flow: 0 Cost :5

From: 10 To: 46 flow: 0 Cost :10

From: 15 To: 46 flow: 0 Cost :20

From: 20 To: 46 flow: 8 Cost :40

From: 25 To: 46 flow: 18 Cost :80

From: 30 To: 46 flow: 14 Cost :160

n: 47 m: 54 Time taken: 1.37s

Problem 4:

Cycle Cancelling:

Initial:

From: 1 To: 12 Capacity: 10 Cost :0

From: 1 To: 8 Capacity: 20 Cost :0

From: 2 To: 8 Capacity: 5 Cost :0

From: 2 To: 9 Capacity: 15 Cost :0

From: 2 To: 20 Capacity: 5 Cost :0

From: 3 To: 15 Capacity: 8 Cost :0

From: 4 To: 10 Capacity: 12 Cost :0

From: 6 To: 17 Capacity: 10 Cost :0

From: 6 To: 13 Capacity: 20 Cost :0

From: 7 To: 13 Capacity: 5 Cost :0

From: 7 To: 14 Capacity: 15 Cost :0

From: 7 To: 25 Capacity: 5 Cost :0

From: 8 To: 20 Capacity: 8 Cost :0

From: 9 To: 15 Capacity: 12 Cost :0

From: 11 To: 22 Capacity: 10 Cost :0

From: 11 To: 18 Capacity: 20 Cost :0

From: 12 To: 18 Capacity: 5 Cost :0

From: 12 To: 19 Capacity: 15 Cost :0

From: 12 To: 30 Capacity: 5 Cost :0

From: 13 To: 25 Capacity: 8 Cost :0

From: 14 To: 20 Capacity: 12 Cost :0

From: 16 To: 27 Capacity: 10 Cost :0

From: 16 To: 23 Capacity: 20 Cost :0

From: 17 To: 23 Capacity: 5 Cost :0

From: 17 To: 24 Capacity: 15 Cost :0

From: 17 To: 35 Capacity: 5 Cost :0

From: 18 To: 30 Capacity: 8 Cost :0

From: 19 To: 25 Capacity: 12 Cost :0

From: 21 To: 32 Capacity: 10 Cost :0

From: 21 To: 28 Capacity: 20 Cost :0

From: 22 To: 28 Capacity: 5 Cost :0

From: 22 To: 29 Capacity: 15 Cost :0

From: 22 To: 40 Capacity: 5 Cost :0

From: 23 To: 35 Capacity: 8 Cost :0

From: 24 To: 30 Capacity: 12 Cost :0

From: 26 To: 37 Capacity: 10 Cost :0

From: 26 To: 33 Capacity: 20 Cost :0

From: 27 To: 33 Capacity: 5 Cost :0

From: 27 To: 34 Capacity: 15 Cost :0

From: 27 To: 45 Capacity: 5 Cost :0

From: 28 To: 40 Capacity: 8 Cost :0

From: 29 To: 35 Capacity: 12 Cost :0

From: 31 To: 42 Capacity: 10 Cost :0

From: 31 To: 38 Capacity: 20 Cost :0

From: 32 To: 38 Capacity: 5 Cost :0

From: 32 To: 39 Capacity: 15 Cost :0

From: 32 To: 50 Capacity: 5 Cost :0

From: 33 To: 45 Capacity: 8 Cost :0

From: 34 To: 40 Capacity: 12 Cost :0

From: 36 To: 47 Capacity: 10 Cost :0

From: 36 To: 43 Capacity: 20 Cost :0

From: 37 To: 43 Capacity: 5 Cost :0

From: 37 To: 44 Capacity: 15 Cost :0

From: 37 To: 55 Capacity: 5 Cost :0

From: 38 To: 50 Capacity: 8 Cost :0

From: 39 To: 45 Capacity: 12 Cost :0

From: 41 To: 52 Capacity: 10 Cost :0

From: 41 To: 48 Capacity: 20 Cost :0

From: 42 To: 48 Capacity: 5 Cost :0

From: 42 To: 49 Capacity: 15 Cost :0

From: 42 To: 60 Capacity: 5 Cost :0

From: 43 To: 55 Capacity: 8 Cost :0

From: 44 To: 50 Capacity: 12 Cost :0

From: 46 To: 57 Capacity: 10 Cost :0

From: 46 To: 53 Capacity: 20 Cost :0

From: 47 To: 53 Capacity: 5 Cost :0

From: 47 To: 54 Capacity: 15 Cost :0

From: 47 To: 65 Capacity: 5 Cost :0

From: 48 To: 60 Capacity: 8 Cost :0

From: 49 To: 55 Capacity: 12 Cost :0

From: 51 To: 62 Capacity: 10 Cost :0

From: 51 To: 58 Capacity: 20 Cost :0

From: 52 To: 58 Capacity: 5 Cost :0

From: 52 To: 59 Capacity: 15 Cost :0

From: 52 To: 70 Capacity: 5 Cost :0

From: 53 To: 65 Capacity: 8 Cost :0

From: 54 To: 60 Capacity: 12 Cost :0

From: 56 To: 67 Capacity: 10 Cost :0

From: 56 To: 63 Capacity: 20 Cost :0

From: 57 To: 63 Capacity: 5 Cost :0

From: 57 To: 64 Capacity: 15 Cost :0

From: 57 To: 75 Capacity: 5 Cost :0

From: 58 To: 70 Capacity: 8 Cost :0

From: 59 To: 65 Capacity: 12 Cost :0

From: 61 To: 72 Capacity: 10 Cost :0

From: 61 To: 68 Capacity: 20 Cost :0

From: 62 To: 68 Capacity: 5 Cost :0

From: 62 To: 69 Capacity: 15 Cost :0

From: 62 To: 80 Capacity: 5 Cost :0

From: 63 To: 75 Capacity: 8 Cost :0

From: 64 To: 70 Capacity: 12 Cost :0

From: 66 To: 77 Capacity: 10 Cost :0

From: 66 To: 73 Capacity: 20 Cost :0

From: 67 To: 73 Capacity: 5 Cost :0

From: 67 To: 74 Capacity: 15 Cost :0

From: 67 To: 85 Capacity: 5 Cost :0

From: 68 To: 80 Capacity: 8 Cost :0

From: 69 To: 75 Capacity: 12 Cost :0

From: 71 To: 82 Capacity: 10 Cost :0

From: 71 To: 78 Capacity: 20 Cost :0

From: 72 To: 78 Capacity: 5 Cost :0

From: 72 To: 79 Capacity: 15 Cost :0

From: 72 To: 90 Capacity: 5 Cost :0

From: 73 To: 85 Capacity: 8 Cost :0

From: 74 To: 80 Capacity: 12 Cost :0

From: 76 To: 87 Capacity: 10 Cost :0

From: 76 To: 83 Capacity: 20 Cost :0

From: 77 To: 83 Capacity: 5 Cost :0

From: 77 To: 84 Capacity: 15 Cost :0

From: 77 To: 95 Capacity: 5 Cost :0

From: 78 To: 90 Capacity: 8 Cost :0

From: 79 To: 85 Capacity: 12 Cost :0

From: 0 To: 1 Capacity: 10000 Cost :0

From: 0 To: 6 Capacity: 10000 Cost :0

From: 0 To: 11 Capacity: 10000 Cost :0

From: 0 To: 16 Capacity: 10000 Cost :0

From: 0 To: 21 Capacity: 10000 Cost :0

From: 0 To: 26 Capacity: 10000 Cost :0

From: 0 To: 31 Capacity: 10000 Cost :0

From: 0 To: 36 Capacity: 10000 Cost :0

From: 0 To: 41 Capacity: 10000 Cost :0

From: 0 To: 46 Capacity: 10000 Cost :0

From: 0 To: 51 Capacity: 10000 Cost :0

From: 0 To: 56 Capacity: 10000 Cost :0

From: 0 To: 61 Capacity: 10000 Cost :0

From: 0 To: 66 Capacity: 10000 Cost :0

From: 0 To: 71 Capacity: 10000 Cost :0

From: 0 To: 76 Capacity: 10000 Cost :0

From: 0 To: 81 Capacity: 10000 Cost :0

From: 0 To: 86 Capacity: 10000 Cost :0

From: 0 To: 91 Capacity: 10000 Cost :0

From: 0 To: 96 Capacity: 10000 Cost :0

From: 5 To: 101 Capacity: 10000 Cost :5

From: 10 To: 101 Capacity: 10000 Cost :10

From: 15 To: 101 Capacity: 10000 Cost :20

From: 20 To: 101 Capacity: 10000 Cost :40

From: 25 To: 101 Capacity: 10000 Cost :80

From: 30 To: 101 Capacity: 10000 Cost :160

From: 35 To: 101 Capacity: 10000 Cost :320

From: 40 To: 101 Capacity: 10000 Cost :640

From: 45 To: 101 Capacity: 10000 Cost :1280

From: 50 To: 101 Capacity: 10000 Cost :2560

From: 55 To: 101 Capacity: 10000 Cost :5120

From: 60 To: 101 Capacity: 10000 Cost :10240

From: 65 To: 101 Capacity: 10000 Cost :20480

From: 70 To: 101 Capacity: 10000 Cost :40960

From: 75 To: 101 Capacity: 10000 Cost :81920

From: 80 To: 101 Capacity: 10000 Cost :163840

From: 85 To: 101 Capacity: 10000 Cost :327680

From: 90 To: 101 Capacity: 10000 Cost :655360

From: 95 To: 101 Capacity: 10000 Cost :1310720

From: 100 To: 101 Capacity: 10000 Cost :2621440

From: -1 To: 0 Capacity: 100 Cost :0

From: 101 To: 102 Capacity: 100 Cost :0

Final Network:

From: 1 To: 12 flow: 10 Cost :0

From: 1 To: 8 flow: 8 Cost :0

From: 2 To: 8 flow: 0 Cost :0

From: 2 To: 9 flow: 0 Cost :0

From: 2 To: 20 flow: 0 Cost :0

From: 3 To: 15 flow: 0 Cost :0

From: 4 To: 10 flow: 0 Cost :0

From: 6 To: 17 flow: 10 Cost :0

From: 6 To: 13 flow: 8 Cost :0

From: 7 To: 13 flow: 0 Cost :0

From: 7 To: 14 flow: 0 Cost :0

From: 7 To: 25 flow: 0 Cost :0

From: 8 To: 20 flow: 8 Cost :0

From: 9 To: 15 flow: 0 Cost :0

From: 11 To: 22 flow: 10 Cost :0

From: 11 To: 18 flow: 8 Cost :0

From: 12 To: 18 flow: 0 Cost :0

From: 12 To: 19 flow: 10 Cost :0

From: 12 To: 30 flow: 0 Cost :0

From: 13 To: 25 flow: 8 Cost :0

From: 14 To: 20 flow: 0 Cost :0

From: 16 To: 27 flow: 10 Cost :0

From: 16 To: 23 flow: 8 Cost :0

From: 17 To: 23 flow: 0 Cost :0

From: 17 To: 24 flow: 10 Cost :0

From: 17 To: 35 flow: 0 Cost :0

From: 18 To: 30 flow: 8 Cost :0

From: 19 To: 25 flow: 10 Cost :0

From: 21 To: 32 flow: 10 Cost :0

From: 21 To: 28 flow: 8 Cost :0

From: 22 To: 28 flow: 0 Cost :0

From: 22 To: 29 flow: 10 Cost :0

From: 22 To: 40 flow: 0 Cost :0

From: 23 To: 35 flow: 8 Cost :0

From: 24 To: 30 flow: 10 Cost :0

From: 26 To: 37 flow: 2 Cost :0

From: 26 To: 33 flow: 8 Cost :0

From: 27 To: 33 flow: 0 Cost :0

From: 27 To: 34 flow: 10 Cost :0

From: 27 To: 45 flow: 0 Cost :0

From: 28 To: 40 flow: 8 Cost :0

From: 29 To: 35 flow: 10 Cost :0

From: 31 To: 42 flow: 0 Cost :0

From: 31 To: 38 flow: 0 Cost :0

From: 32 To: 38 flow: 0 Cost :0

From: 32 To: 39 flow: 10 Cost :0

From: 32 To: 50 flow: 0 Cost :0

From: 33 To: 45 flow: 8 Cost :0

From: 34 To: 40 flow: 10 Cost :0

From: 36 To: 47 flow: 0 Cost :0

From: 36 To: 43 flow: 0 Cost :0

From: 37 To: 43 flow: 0 Cost :0

From: 37 To: 44 flow: 2 Cost :0

From: 37 To: 55 flow: 0 Cost :0

From: 38 To: 50 flow: 0 Cost :0

From: 39 To: 45 flow: 10 Cost :0

From: 41 To: 52 flow: 0 Cost :0

From: 41 To: 48 flow: 0 Cost :0

From: 42 To: 48 flow: 0 Cost :0

From: 42 To: 49 flow: 0 Cost :0

From: 42 To: 60 flow: 0 Cost :0

From: 43 To: 55 flow: 0 Cost :0

From: 44 To: 50 flow: 2 Cost :0

From: 46 To: 57 flow: 0 Cost :0

From: 46 To: 53 flow: 0 Cost :0

From: 47 To: 53 flow: 0 Cost :0

From: 47 To: 54 flow: 0 Cost :0

From: 47 To: 65 flow: 0 Cost :0

From: 48 To: 60 flow: 0 Cost :0

From: 49 To: 55 flow: 0 Cost :0

From: 51 To: 62 flow: 0 Cost :0

From: 51 To: 58 flow: 0 Cost :0

From: 52 To: 58 flow: 0 Cost :0

From: 52 To: 59 flow: 0 Cost :0

From: 52 To: 70 flow: 0 Cost :0

From: 53 To: 65 flow: 0 Cost :0

From: 54 To: 60 flow: 0 Cost :0

From: 56 To: 67 flow: 0 Cost :0

From: 56 To: 63 flow: 0 Cost :0

From: 57 To: 63 flow: 0 Cost :0

From: 57 To: 64 flow: 0 Cost :0

From: 57 To: 75 flow: 0 Cost :0

From: 58 To: 70 flow: 0 Cost :0

From: 59 To: 65 flow: 0 Cost :0

From: 61 To: 72 flow: 0 Cost :0

From: 61 To: 68 flow: 0 Cost :0

From: 62 To: 68 flow: 0 Cost :0

From: 62 To: 69 flow: 0 Cost :0

From: 62 To: 80 flow: 0 Cost :0

From: 63 To: 75 flow: 0 Cost :0

From: 64 To: 70 flow: 0 Cost :0

From: 66 To: 77 flow: 0 Cost :0

From: 66 To: 73 flow: 0 Cost :0

From: 67 To: 73 flow: 0 Cost :0

From: 67 To: 74 flow: 0 Cost :0

From: 67 To: 85 flow: 0 Cost :0

From: 68 To: 80 flow: 0 Cost :0

From: 69 To: 75 flow: 0 Cost :0

From: 71 To: 82 flow: 0 Cost :0

From: 71 To: 78 flow: 0 Cost :0

From: 72 To: 78 flow: 0 Cost :0

From: 72 To: 79 flow: 0 Cost :0

From: 72 To: 90 flow: 0 Cost :0

From: 73 To: 85 flow: 0 Cost :0

From: 74 To: 80 flow: 0 Cost :0

From: 76 To: 87 flow: 0 Cost :0

From: 76 To: 83 flow: 0 Cost :0

From: 77 To: 83 flow: 0 Cost :0

From: 77 To: 84 flow: 0 Cost :0

From: 77 To: 95 flow: 0 Cost :0

From: 78 To: 90 flow: 0 Cost :0

From: 79 To: 85 flow: 0 Cost :0

From: 0 To: 1 flow: 18 Cost :0

From: 0 To: 6 flow: 18 Cost :0

From: 0 To: 11 flow: 18 Cost :0

From: 0 To: 16 flow: 18 Cost :0

From: 0 To: 21 flow: 18 Cost :0

From: 0 To: 26 flow: 10 Cost :0

From: 0 To: 31 flow: 0 Cost :0

From: 0 To: 36 flow: 0 Cost :0

From: 0 To: 41 flow: 0 Cost :0

From: 0 To: 46 flow: 0 Cost :0

From: 0 To: 51 flow: 0 Cost :0

From: 0 To: 56 flow: 0 Cost :0

From: 0 To: 61 flow: 0 Cost :0

From: 0 To: 66 flow: 0 Cost :0

From: 0 To: 71 flow: 0 Cost :0

From: 0 To: 76 flow: 0 Cost :0

From: 0 To: 81 flow: 0 Cost :0

From: 0 To: 86 flow: 0 Cost :0

From: 0 To: 91 flow: 0 Cost :0

From: 0 To: 96 flow: 0 Cost :0

From: 5 To: 101 flow: 0 Cost :5

From: 10 To: 101 flow: 0 Cost :10

From: 15 To: 101 flow: 0 Cost :20

From: 20 To: 101 flow: 8 Cost :40

From: 25 To: 101 flow: 18 Cost :80

From: 30 To: 101 flow: 18 Cost :160

From: 35 To: 101 flow: 18 Cost :320

From: 40 To: 101 flow: 18 Cost :640

From: 45 To: 101 flow: 18 Cost :1280

From: 50 To: 101 flow: 2 Cost :2560

From: 55 To: 101 flow: 0 Cost :5120

From: 60 To: 101 flow: 0 Cost :10240

From: 65 To: 101 flow: 0 Cost :20480

From: 70 To: 101 flow: 0 Cost :40960

From: 75 To: 101 flow: 0 Cost :81920

From: 80 To: 101 flow: 0 Cost :163840

From: 85 To: 101 flow: 0 Cost :327680

From: 90 To: 101 flow: 0 Cost :655360

From: 95 To: 101 flow: 0 Cost :1310720

From: 100 To: 101 flow: 0 Cost :2621440

From: -1 To: 0 flow: 100 Cost :0

From: 101 To: 102 flow: 100 Cost :0

n: 104 m: 154 Time taken: 31.53s

Successive Shortest Path:

Initial:

From: 1 To: 12 Capacity: 10 Cost :0

From: 1 To: 8 Capacity: 20 Cost :0

From: 2 To: 8 Capacity: 5 Cost :0

From: 2 To: 9 Capacity: 15 Cost :0

From: 2 To: 20 Capacity: 5 Cost :0

From: 3 To: 15 Capacity: 8 Cost :0

From: 4 To: 10 Capacity: 12 Cost :0

From: 6 To: 17 Capacity: 10 Cost :0

From: 6 To: 13 Capacity: 20 Cost :0

From: 7 To: 13 Capacity: 5 Cost :0

From: 7 To: 14 Capacity: 15 Cost :0

From: 7 To: 25 Capacity: 5 Cost :0

From: 8 To: 20 Capacity: 8 Cost :0

From: 9 To: 15 Capacity: 12 Cost :0

From: 11 To: 22 Capacity: 10 Cost :0

From: 11 To: 18 Capacity: 20 Cost :0

From: 12 To: 18 Capacity: 5 Cost :0

From: 12 To: 19 Capacity: 15 Cost :0

From: 12 To: 30 Capacity: 5 Cost :0

From: 13 To: 25 Capacity: 8 Cost :0

From: 14 To: 20 Capacity: 12 Cost :0

From: 16 To: 27 Capacity: 10 Cost :0

From: 16 To: 23 Capacity: 20 Cost :0

From: 17 To: 23 Capacity: 5 Cost :0

From: 17 To: 24 Capacity: 15 Cost :0

From: 17 To: 35 Capacity: 5 Cost :0

From: 18 To: 30 Capacity: 8 Cost :0

From: 19 To: 25 Capacity: 12 Cost :0

From: 21 To: 32 Capacity: 10 Cost :0

From: 21 To: 28 Capacity: 20 Cost :0

From: 22 To: 28 Capacity: 5 Cost :0

From: 22 To: 29 Capacity: 15 Cost :0

From: 22 To: 40 Capacity: 5 Cost :0

From: 23 To: 35 Capacity: 8 Cost :0

From: 24 To: 30 Capacity: 12 Cost :0

From: 26 To: 37 Capacity: 10 Cost :0

From: 26 To: 33 Capacity: 20 Cost :0

From: 27 To: 33 Capacity: 5 Cost :0

From: 27 To: 34 Capacity: 15 Cost :0

From: 27 To: 45 Capacity: 5 Cost :0

From: 28 To: 40 Capacity: 8 Cost :0

From: 29 To: 35 Capacity: 12 Cost :0

From: 31 To: 42 Capacity: 10 Cost :0

From: 31 To: 38 Capacity: 20 Cost :0

From: 32 To: 38 Capacity: 5 Cost :0

From: 32 To: 39 Capacity: 15 Cost :0

From: 32 To: 50 Capacity: 5 Cost :0

From: 33 To: 45 Capacity: 8 Cost :0

From: 34 To: 40 Capacity: 12 Cost :0

From: 36 To: 47 Capacity: 10 Cost :0

From: 36 To: 43 Capacity: 20 Cost :0

From: 37 To: 43 Capacity: 5 Cost :0

From: 37 To: 44 Capacity: 15 Cost :0

From: 37 To: 55 Capacity: 5 Cost :0

From: 38 To: 50 Capacity: 8 Cost :0

From: 39 To: 45 Capacity: 12 Cost :0

From: 41 To: 52 Capacity: 10 Cost :0

From: 41 To: 48 Capacity: 20 Cost :0

From: 42 To: 48 Capacity: 5 Cost :0

From: 42 To: 49 Capacity: 15 Cost :0

From: 42 To: 60 Capacity: 5 Cost :0

From: 43 To: 55 Capacity: 8 Cost :0

From: 44 To: 50 Capacity: 12 Cost :0

From: 46 To: 57 Capacity: 10 Cost :0

From: 46 To: 53 Capacity: 20 Cost :0

From: 47 To: 53 Capacity: 5 Cost :0

From: 47 To: 54 Capacity: 15 Cost :0

From: 47 To: 65 Capacity: 5 Cost :0

From: 48 To: 60 Capacity: 8 Cost :0

From: 49 To: 55 Capacity: 12 Cost :0

From: 51 To: 62 Capacity: 10 Cost :0

From: 51 To: 58 Capacity: 20 Cost :0

From: 52 To: 58 Capacity: 5 Cost :0

From: 52 To: 59 Capacity: 15 Cost :0

From: 52 To: 70 Capacity: 5 Cost :0

From: 53 To: 65 Capacity: 8 Cost :0

From: 54 To: 60 Capacity: 12 Cost :0

From: 56 To: 67 Capacity: 10 Cost :0

From: 56 To: 63 Capacity: 20 Cost :0

From: 57 To: 63 Capacity: 5 Cost :0

From: 57 To: 64 Capacity: 15 Cost :0

From: 57 To: 75 Capacity: 5 Cost :0

From: 58 To: 70 Capacity: 8 Cost :0

From: 59 To: 65 Capacity: 12 Cost :0

From: 61 To: 72 Capacity: 10 Cost :0

From: 61 To: 68 Capacity: 20 Cost :0

From: 62 To: 68 Capacity: 5 Cost :0

From: 62 To: 69 Capacity: 15 Cost :0

From: 62 To: 80 Capacity: 5 Cost :0

From: 63 To: 75 Capacity: 8 Cost :0

From: 64 To: 70 Capacity: 12 Cost :0

From: 66 To: 77 Capacity: 10 Cost :0

From: 66 To: 73 Capacity: 20 Cost :0

From: 67 To: 73 Capacity: 5 Cost :0

From: 67 To: 74 Capacity: 15 Cost :0

From: 67 To: 85 Capacity: 5 Cost :0

From: 68 To: 80 Capacity: 8 Cost :0

From: 69 To: 75 Capacity: 12 Cost :0

From: 71 To: 82 Capacity: 10 Cost :0

From: 71 To: 78 Capacity: 20 Cost :0

From: 72 To: 78 Capacity: 5 Cost :0

From: 72 To: 79 Capacity: 15 Cost :0

From: 72 To: 90 Capacity: 5 Cost :0

From: 73 To: 85 Capacity: 8 Cost :0

From: 74 To: 80 Capacity: 12 Cost :0

From: 76 To: 87 Capacity: 10 Cost :0

From: 76 To: 83 Capacity: 20 Cost :0

From: 77 To: 83 Capacity: 5 Cost :0

From: 77 To: 84 Capacity: 15 Cost :0

From: 77 To: 95 Capacity: 5 Cost :0

From: 78 To: 90 Capacity: 8 Cost :0

From: 79 To: 85 Capacity: 12 Cost :0

From: 0 To: 1 Capacity: 10000 Cost :0

From: 0 To: 6 Capacity: 10000 Cost :0

From: 0 To: 11 Capacity: 10000 Cost :0

From: 0 To: 16 Capacity: 10000 Cost :0

From: 0 To: 21 Capacity: 10000 Cost :0

From: 0 To: 26 Capacity: 10000 Cost :0

From: 0 To: 31 Capacity: 10000 Cost :0

From: 0 To: 36 Capacity: 10000 Cost :0

From: 0 To: 41 Capacity: 10000 Cost :0

From: 0 To: 46 Capacity: 10000 Cost :0

From: 0 To: 51 Capacity: 10000 Cost :0

From: 0 To: 56 Capacity: 10000 Cost :0

From: 0 To: 61 Capacity: 10000 Cost :0

From: 0 To: 66 Capacity: 10000 Cost :0

From: 0 To: 71 Capacity: 10000 Cost :0

From: 0 To: 76 Capacity: 10000 Cost :0

From: 0 To: 81 Capacity: 10000 Cost :0

From: 0 To: 86 Capacity: 10000 Cost :0

From: 0 To: 91 Capacity: 10000 Cost :0

From: 0 To: 96 Capacity: 10000 Cost :0

From: 5 To: 101 Capacity: 10000 Cost :5

From: 10 To: 101 Capacity: 10000 Cost :10

From: 15 To: 101 Capacity: 10000 Cost :20

From: 20 To: 101 Capacity: 10000 Cost :40

From: 25 To: 101 Capacity: 10000 Cost :80

From: 30 To: 101 Capacity: 10000 Cost :160

From: 35 To: 101 Capacity: 10000 Cost :320

From: 40 To: 101 Capacity: 10000 Cost :640

From: 45 To: 101 Capacity: 10000 Cost :1280

From: 50 To: 101 Capacity: 10000 Cost :2560

From: 55 To: 101 Capacity: 10000 Cost :5120

From: 60 To: 101 Capacity: 10000 Cost :10240

From: 65 To: 101 Capacity: 10000 Cost :20480

From: 70 To: 101 Capacity: 10000 Cost :40960

From: 75 To: 101 Capacity: 10000 Cost :81920

From: 80 To: 101 Capacity: 10000 Cost :163840

From: 85 To: 101 Capacity: 10000 Cost :327680

From: 90 To: 101 Capacity: 10000 Cost :655360

From: 95 To: 101 Capacity: 10000 Cost :1310720

From: 100 To: 101 Capacity: 10000 Cost :2621440

Final Network:

From: 1 To: 12 flow: 10 Cost :0

From: 1 To: 8 flow: 8 Cost :0

From: 2 To: 8 flow: 0 Cost :0

From: 2 To: 9 flow: 0 Cost :0

From: 2 To: 20 flow: 0 Cost :0

From: 3 To: 15 flow: 0 Cost :0

From: 4 To: 10 flow: 0 Cost :0

From: 6 To: 17 flow: 10 Cost :0

From: 6 To: 13 flow: 8 Cost :0

From: 7 To: 13 flow: 0 Cost :0

From: 7 To: 14 flow: 0 Cost :0

From: 7 To: 25 flow: 0 Cost :0

From: 8 To: 20 flow: 8 Cost :0

From: 9 To: 15 flow: 0 Cost :0

From: 11 To: 22 flow: 10 Cost :0

From: 11 To: 18 flow: 8 Cost :0

From: 12 To: 18 flow: 0 Cost :0

From: 12 To: 19 flow: 10 Cost :0

From: 12 To: 30 flow: 0 Cost :0

From: 13 To: 25 flow: 8 Cost :0

From: 14 To: 20 flow: 0 Cost :0

From: 16 To: 27 flow: 10 Cost :0

From: 16 To: 23 flow: 8 Cost :0

From: 17 To: 23 flow: 0 Cost :0

From: 17 To: 24 flow: 10 Cost :0

From: 17 To: 35 flow: 0 Cost :0

From: 18 To: 30 flow: 8 Cost :0

From: 19 To: 25 flow: 10 Cost :0

From: 21 To: 32 flow: 10 Cost :0

From: 21 To: 28 flow: 8 Cost :0

From: 22 To: 28 flow: 0 Cost :0

From: 22 To: 29 flow: 10 Cost :0

From: 22 To: 40 flow: 0 Cost :0

From: 23 To: 35 flow: 8 Cost :0

From: 24 To: 30 flow: 10 Cost :0

From: 26 To: 37 flow: 0 Cost :0

From: 26 To: 33 flow: 8 Cost :0

From: 27 To: 33 flow: 0 Cost :0

From: 27 To: 34 flow: 10 Cost :0

From: 27 To: 45 flow: 0 Cost :0

From: 28 To: 40 flow: 8 Cost :0

From: 29 To: 35 flow: 10 Cost :0

From: 31 To: 42 flow: 0 Cost :0

From: 31 To: 38 flow: 2 Cost :0

From: 32 To: 38 flow: 0 Cost :0

From: 32 To: 39 flow: 10 Cost :0

From: 32 To: 50 flow: 0 Cost :0

From: 33 To: 45 flow: 8 Cost :0

From: 34 To: 40 flow: 10 Cost :0

From: 36 To: 47 flow: 0 Cost :0

From: 36 To: 43 flow: 0 Cost :0

From: 37 To: 43 flow: 0 Cost :0

From: 37 To: 44 flow: 0 Cost :0

From: 37 To: 55 flow: 0 Cost :0

From: 38 To: 50 flow: 2 Cost :0

From: 39 To: 45 flow: 10 Cost :0

From: 41 To: 52 flow: 0 Cost :0

From: 41 To: 48 flow: 0 Cost :0

From: 42 To: 48 flow: 0 Cost :0

From: 42 To: 49 flow: 0 Cost :0

From: 42 To: 60 flow: 0 Cost :0

From: 43 To: 55 flow: 0 Cost :0

From: 44 To: 50 flow: 0 Cost :0

From: 46 To: 57 flow: 0 Cost :0

From: 46 To: 53 flow: 0 Cost :0

From: 47 To: 53 flow: 0 Cost :0

From: 47 To: 54 flow: 0 Cost :0

From: 47 To: 65 flow: 0 Cost :0

From: 48 To: 60 flow: 0 Cost :0

From: 49 To: 55 flow: 0 Cost :0

From: 51 To: 62 flow: 0 Cost :0

From: 51 To: 58 flow: 0 Cost :0

From: 52 To: 58 flow: 0 Cost :0

From: 52 To: 59 flow: 0 Cost :0

From: 52 To: 70 flow: 0 Cost :0

From: 53 To: 65 flow: 0 Cost :0

From: 54 To: 60 flow: 0 Cost :0

From: 56 To: 67 flow: 0 Cost :0

From: 56 To: 63 flow: 0 Cost :0

From: 57 To: 63 flow: 0 Cost :0

From: 57 To: 64 flow: 0 Cost :0

From: 57 To: 75 flow: 0 Cost :0

From: 58 To: 70 flow: 0 Cost :0

From: 59 To: 65 flow: 0 Cost :0

From: 61 To: 72 flow: 0 Cost :0

From: 61 To: 68 flow: 0 Cost :0

From: 62 To: 68 flow: 0 Cost :0

From: 62 To: 69 flow: 0 Cost :0

From: 62 To: 80 flow: 0 Cost :0

From: 63 To: 75 flow: 0 Cost :0

From: 64 To: 70 flow: 0 Cost :0

From: 66 To: 77 flow: 0 Cost :0

From: 66 To: 73 flow: 0 Cost :0

From: 67 To: 73 flow: 0 Cost :0

From: 67 To: 74 flow: 0 Cost :0

From: 67 To: 85 flow: 0 Cost :0

From: 68 To: 80 flow: 0 Cost :0

From: 69 To: 75 flow: 0 Cost :0

From: 71 To: 82 flow: 0 Cost :0

From: 71 To: 78 flow: 0 Cost :0

From: 72 To: 78 flow: 0 Cost :0

From: 72 To: 79 flow: 0 Cost :0

From: 72 To: 90 flow: 0 Cost :0

From: 73 To: 85 flow: 0 Cost :0

From: 74 To: 80 flow: 0 Cost :0

From: 76 To: 87 flow: 0 Cost :0

From: 76 To: 83 flow: 0 Cost :0

From: 77 To: 83 flow: 0 Cost :0

From: 77 To: 84 flow: 0 Cost :0

From: 77 To: 95 flow: 0 Cost :0

From: 78 To: 90 flow: 0 Cost :0

From: 79 To: 85 flow: 0 Cost :0

From: 0 To: 1 flow: 18 Cost :0

From: 0 To: 6 flow: 18 Cost :0

From: 0 To: 11 flow: 18 Cost :0

From: 0 To: 16 flow: 18 Cost :0

From: 0 To: 21 flow: 18 Cost :0

From: 0 To: 26 flow: 8 Cost :0

From: 0 To: 31 flow: 2 Cost :0

From: 0 To: 36 flow: 0 Cost :0

From: 0 To: 41 flow: 0 Cost :0

From: 0 To: 46 flow: 0 Cost :0

From: 0 To: 51 flow: 0 Cost :0

From: 0 To: 56 flow: 0 Cost :0

From: 0 To: 61 flow: 0 Cost :0

From: 0 To: 66 flow: 0 Cost :0

From: 0 To: 71 flow: 0 Cost :0

From: 0 To: 76 flow: 0 Cost :0

From: 0 To: 81 flow: 0 Cost :0

From: 0 To: 86 flow: 0 Cost :0

From: 0 To: 91 flow: 0 Cost :0

From: 0 To: 96 flow: 0 Cost :0

From: 5 To: 101 flow: 0 Cost :5

From: 10 To: 101 flow: 0 Cost :10

From: 15 To: 101 flow: 0 Cost :20

From: 20 To: 101 flow: 8 Cost :40

From: 25 To: 101 flow: 18 Cost :80

From: 30 To: 101 flow: 18 Cost :160

From: 35 To: 101 flow: 18 Cost :320

From: 40 To: 101 flow: 18 Cost :640

From: 45 To: 101 flow: 18 Cost :1280

From: 50 To: 101 flow: 2 Cost :2560

From: 55 To: 101 flow: 0 Cost :5120

From: 60 To: 101 flow: 0 Cost :10240

From: 65 To: 101 flow: 0 Cost :20480

From: 70 To: 101 flow: 0 Cost :40960

From: 75 To: 101 flow: 0 Cost :81920

From: 80 To: 101 flow: 0 Cost :163840

From: 85 To: 101 flow: 0 Cost :327680

From: 90 To: 101 flow: 0 Cost :655360

From: 95 To: 101 flow: 0 Cost :1310720

From: 100 To: 101 flow: 0 Cost :2621440

n: 102 m: 152 Time taken: 5.36s