NO OF VERTICES : 5 Current Node : 1

Do you want to add node [Y-1/N-0]1

ENTER NODE NUMBER TO BE CONNECTED: 2

EDGE WEIGHT : 2

Do you want to add another node [Y-1/N-0]1

ENTER NODE NUMBER TO BE CONNECTED: 3

EDGE WEIGHT : 5

Do you want to add another node [Y-1/N-0]0

Current Node : 2

Do you want to add node [Y-1/N-0]1

ENTER NODE NUMBER TO BE CONNECTED: 5

EDGE WEIGHT : 10

Do you want to add another node [Y-1/N-0]1

ENTER NODE NUMBER TO BE CONNECTED: 4

EDGE WEIGHT: 15

Do you want to add another node [Y-1/N-0]0

Current Node : 3

Do you want to add node [Y-1/N-0]1

ENTER NODE NUMBER TO BE CONNECTED: 5

EDGE WEIGHT : 6

Do you want to add another node [Y-1/N-0]0

Current Node : 4

Do you want to add node [Y-1/N-0]1

ENTER NODE NUMBER TO BE CONNECTED: 5

EDGE WEIGHT: 11

Do you want to add another node [Y-1/N-0]0

Current Node : 5

Do you want to add node [Y-1/N-0]0

ENTERED GRAPH IS .

LINTERED	0	1	2	3	4
0	0	2	5	0	0
1	2	0	0	15	10
2	5	0	0	0	6
3	0	15	0	0	11
4	Θ	10	6	11	0

SORTED SPARSE MATRIX TABLE IS:

1 2 2

1 3 5

3 5 6

```
2 5 10
4 5 11
2 4 15
```

```
MST ACCORDING TO KRUSHKAL'S ALGO :
```

ITERATION NO : 1 WT OF EDGE :2 :: ACCEPTED ITERATION NO : 2 WT OF EDGE :5 :: ACCEPTED ITERATION NO : 3 WT OF EDGE :6 :: ACCEPTED ITERATION NO : 4 WT OF EDGE :10 :: REJECTED ITERATION NO : 5 WT OF EDGE :11 :: ACCEPTED ITERATION NO : 6 WT OF EDGE :15 :: REJECTED