

Array of all sensor nodes in network: The array below shows the location of all 36 sensor node in 2D i-e x-axis and y-axis of each sensor node. We 150*150 i-e Max of both x and y is 150.

```
array([[ 0.,  0.,  0.,  0.,  0.,  0., 30., 30., 30., 30., 30.,
        30., 60., 60., 60., 60., 60., 60., 90., 90., 90., 90.,
        90., 90., 120., 120., 120., 120., 120., 120., 150., 150., 150.,
        150., 150., 150.],
       [ 0., 30., 60., 90., 120., 150.,  0., 30., 60., 90., 120.,
        150.,  0., 30., 60., 90., 120., 150.,  0., 30., 60., 90.,
        120., 150.,  0., 30., 60., 90., 120., 150.,  0., 30., 60.,
        90., 120., 150.]])
```

Below is the location of all sensor node. According to the datasets given, position of all sensor will remain the same. It will be 6*6, there will be six rows and six columns.

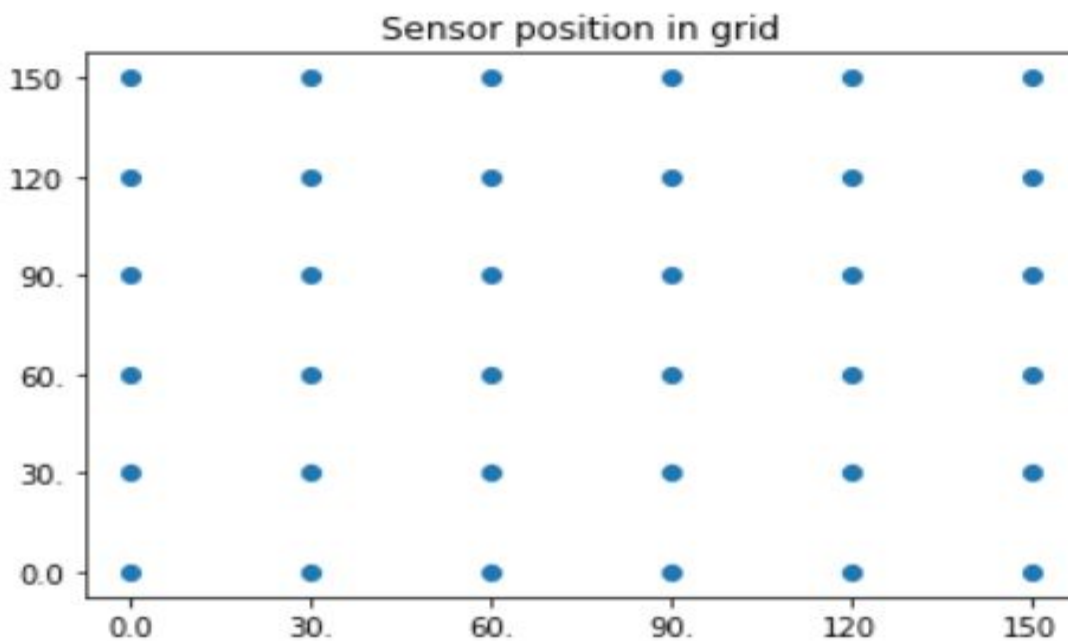


Figure 4. Location of all sensor nodes File :t2.6x6.e2.m45.csv

Below are the location and table of robust sensor nodes. The table contain the location and sensor of all robust sensor nodes as give dataset.

Data set	t2.6x6.e2.m45.csv
Sensor nodes	Location[x,y]
S0	[x:0.0,y:0.0]
S29	[x:120.0,y:150.0]
S30	[x:150.0,y:0.0]
S35	[x:150.0,y:150.0]

Table 2. .t2.6x6.e2.m45.csv robust sensor nodes.

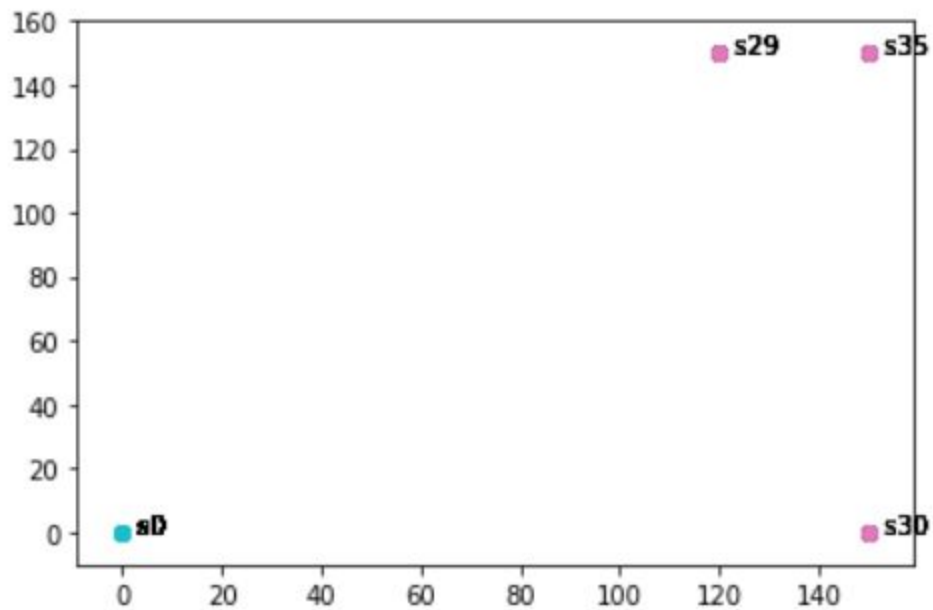


Figure 5. Location of robust sensor nodes File :t2.6x6.e2.m45.csv

Data set	t2.6x6.e2.m60.csv
Sensor nodes	Location[x,y]
S0	[x:0.0,y:0.0]
S24	[x:120.0,y:0.0]
S29	[x:120.0,y:150.0]
S30	[x:150.0,y:0.0]
S34	[x:150.0,y:120.0]
S35	[x:150.0,y:150.0]

Table 3. t2.6x6.e2.m60.csv robust sensor nodes.

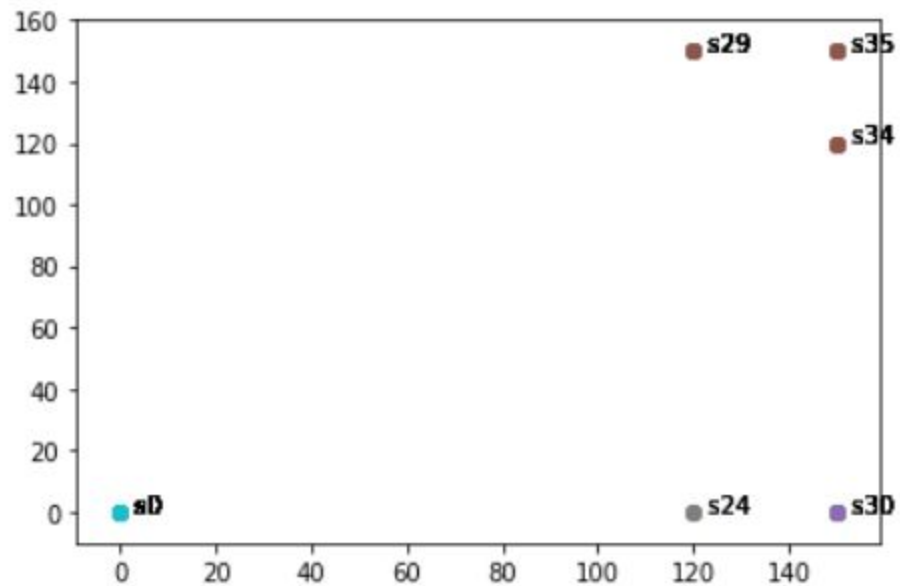


Figure 6. Location of robust sensor nodes File :t2.6x6.e2.m60.csv

Data set	t2.6x6.e2.m75.csv
Sensor nodes	Location[x,y]
S0	[x:0.0,y:0.0]
S23	[x:90.0,y:150.0]
S24	[x:120.0,y:0.0]
S28	[x:120.0,y:120.0]
S29	[x:120.0,y:150.0]
S30	[x:150.0,y:0.0]
S34	[x:150.0,y:120.0]
S35	[x:150.0,y:150.0]

Table 4. t2.6x6.e2.m75.csv robust sensor nodes.

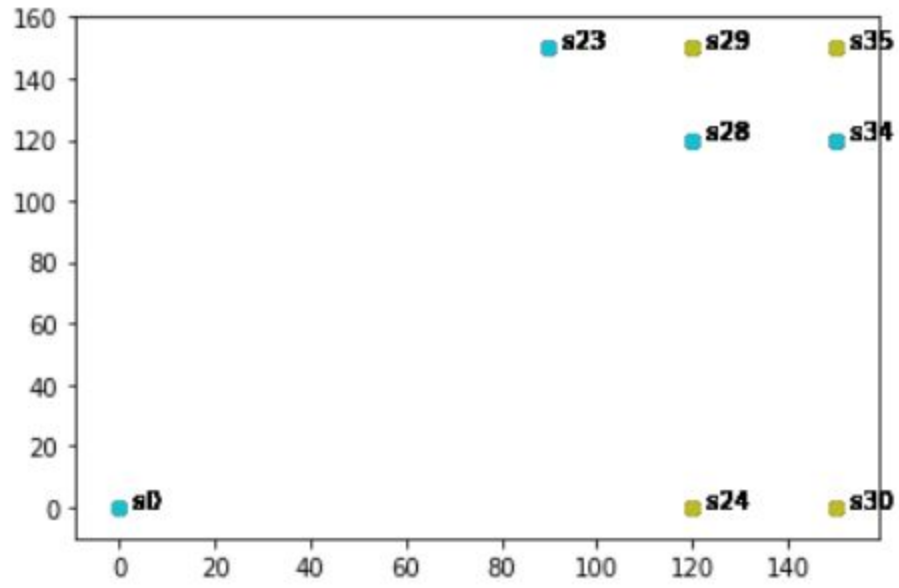


Figure 6. Location of robust sensor nodes File :t2.6x6.e2.m75.csv

Data set	t2.6x6.e5.m45.csv
Sensor nodes	Location[x,y]
S0	[x:0.0,y:0.0]
S29	[x:120.0,y:150.0]
S30	[x:150.0,y:0.0]
S35	[x:150.0,y:150.0]

Table 5. t2.6x6.e5.m45.csv robust sensor nodes.

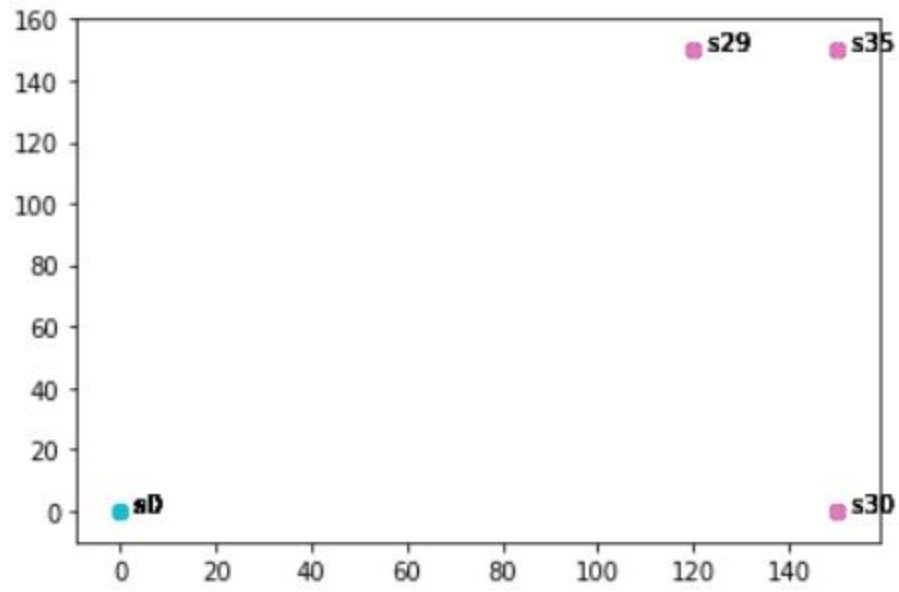


Figure 7. Location of robust sensor nodes File :t2.6x6.e5.m45.csv

Data set	t2.6x6.e5.m60.csv
Sensor nodes	Location[x,y]
S0	[x:0.0,y:0.0]
S24	[x:120.0,y:0.0]
S29	[x:120.0,y:150.0]
S30	[x:150.0,y:0.0]
S35	[x:150.0,y:150.0]

Table 5. *t2.6x6.e5.m60.csv* robust sensor nodes.

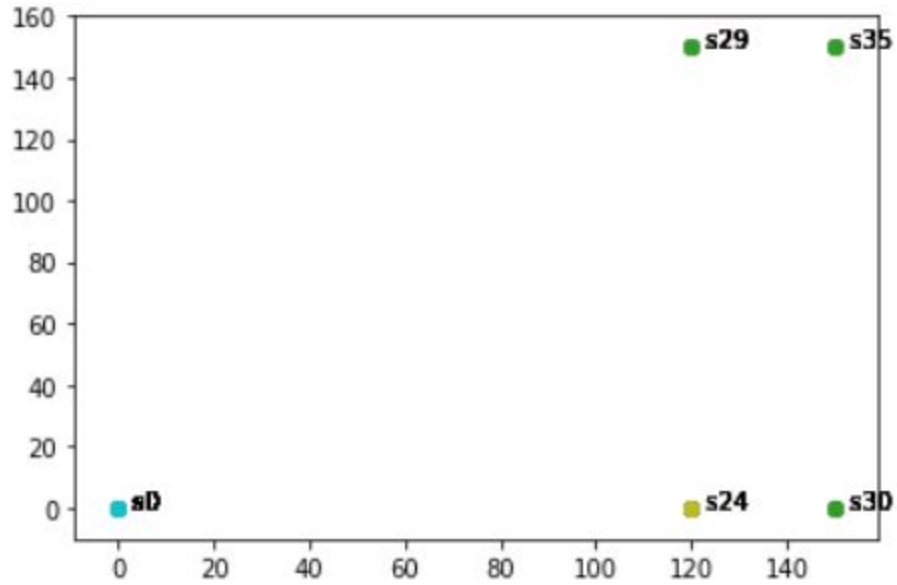


Figure 7. *Location of robust sensor nodes File :t2.6x6.e5.m60.csv*

Data set	t2.6x6.e5.m75.csv
Sensor nodes	Location[x,y]
S0	[x:0.0,y:0.0]
S23	[x:90.0,y:150.0]
S24	[x:120.0,y:0.0]
S28	[x:120.0,y:120.0]
S29	[x:120.0,y:150.0]
S30	[x:150.0,y:0.0]
S34	[x:150.0,y:120.0]
S35	[x:150.0,y:150.0]

Table 6. *t2.6x6.e5.m75.csv* robust sensor nodes.

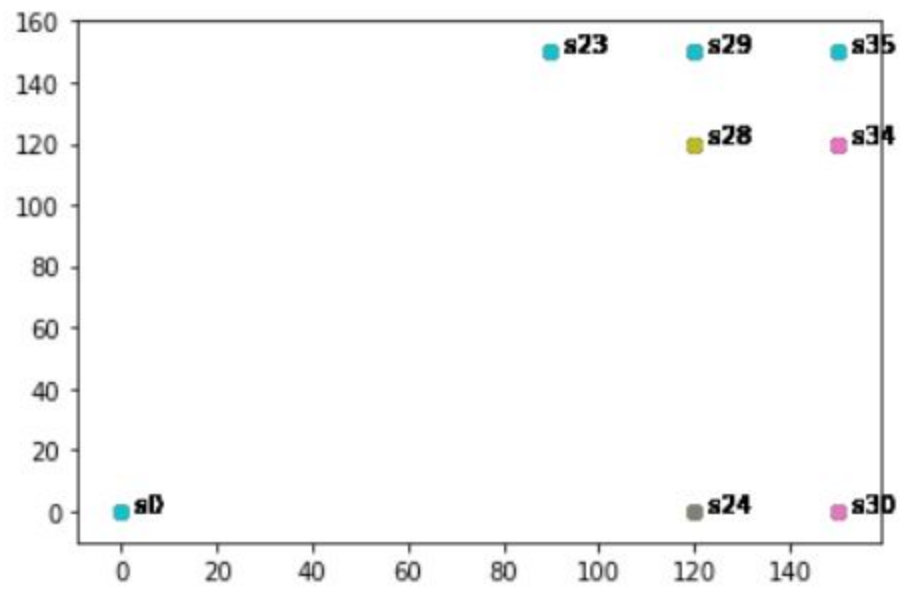


Figure 8. Location of robust sensor nodes File :t2.6x6.e5.m75.csv