```
import networkx as nx
import matplotlib.pyplot as plt
import paylab as plt

G1 = nx.Graph()
G1.add_edges_from([(0,1),(0,2),(0,3),(0,5),(1,3),(1,6),(3,4),(4,5),(4,7),(5,8
nx.draw_networkx(G1,with_labels=True)
g=nx.erdos_renyi_graph(10,0.8)
nx.draw(g)
nx.draw_random(g)
nx.draw_circular(g)
nx.draw_spectral(g)
plt.savefig('graph.png')
```

```
nx.degree(G1)
```

```
DegreeView({0: 4, 1: 3, 2: 1, 3: 3, 5: 3, 6: 1, 4: 3, 7: 1, 8: 2, 9: 1})
```

```
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G1 = nx.Graph()
G1.add_edges_from([(0,1),(0,2),(0,3),(0,5),(1,3),(1,6),(3,4),(4,5),(4,7),(5,8
nx.draw_networkx(G1,with_labels=True)
plt.show()
nx.degree(G1)
nx.draw_circular(G1)
nx.nodes(G1)
```