

```

g = Graph (9);
g.addEdge ('s', 'a')
    "      ('s', 'b')
    "      ('s', 'c')
    "      ('a', 'd')
    "      ('d', 'f')
    "      ('f', 'g')
    "      ('b', 'e')
    "      ('e', 'g')
    "      ('c', 'g')

```

```

src = 's'
target = 'g'
maxDepth = 9

```

```

if g.IDDFS (src, target, maxmaxDepth)
    == True:

```

```

    print ("True is reachable from source" +
           " within max depth")

```

```

else:
    print print ("Target is not reachable
    from source" + " within max depth")
    print (g.node - arr).

```