Código y Solución Jupyter Proyecto MC2

In [3]:
```
import networkx as nx
G=nx.Graph()
G.add_node("s")
G.add_nodes_from(["a","b","c","d","e","f","h","i"])
```

In [5]:
```
graph = {
    "s" : ["a"],
    "a" : ["c"],
    "c" : ["d"],
    "d" : ["b"],
    "b" : ["e"],
    "e" : ["h"],
    "h" : ["f"],
    "f" : ["i"],
    "i" : ["g"],
    "g" : []
}
```

In [16]:
```
def generate_edges(graph):
    edges = []
    for node in graph:
        for neighbour in graph[node]:
            edges.append((node, neighbour))

    return edges



print("nodos del grafico")
print(G.nodes())
print("ruta")
print(generate_edges(graph))
```

```
nodos del grafico
['s', 'a', 'b', 'c', 'd', 'e', 'f', 'h', 'i']
ruta
[('s', 'a'), ('a', 'c'), ('c', 'd'), ('d', 'b'), ('b', 'e'), ('e', 'h'), ('h', 'f'), ('f', 'i'), ('i', 'g')]
```