

```
# Define a class for the graph nodes
```

```
class Node:
```

```
    def __init__(self, value):
```

```
        self.value = value
```

```
        self.neighbors = []
```

```
# Perform DFS recursively
```

```
def dfs(node, visited):
```

```
    visited.add(node)
```

```
    print(node.value)
```

```
    for neighbor in node.neighbors:
```

```
        if neighbor not in visited:
```

```
            dfs(neighbor, visited)
```

```
# Create nodes
```

```
nodeA = Node("A")
```

```
nodeB = Node("B")
```

```
nodeC = Node("C")
```

```
nodeD = Node("D")
```

```
nodeE = Node("E")
```

```
# Define node neighbors
```

```
nodeA.neighbors = [nodeB, nodeC]
```

```
nodeB.neighbors = [nodeD, nodeE]
```

```
nodeC.neighbors = [nodeB]
```

```
nodeD.neighbors = []
```

```
nodeE.neighbors = []
```

```
# Perform DFS starting from nodeA
```

```
visited = set()
```

```
dfs(nodeA, visited)
```