

```
Outgoing Edges: {1, 3, 2, 4}
Head: 2
Tail: 1
--
Head: 3
Tail: 2
--
Head: 3
Tail: 2
--
Head: 2
Tail: 1
--
Incoming Edges: {5}
Head: 4
Tail: 2
--
```

Vertex – 2 has **4 outgoing edges** and **1 incoming edge**. I am displaying the head and tail of the outgoing and incoming edges. For outgoing edges, the tail should always be 2 and for incoming edge, the head should always be 2. From Above output, we can see different values are returned by getHeadOfTheEdge() and getTailOfTheEdge().

Commit link for the Test class: https://github.com/UPB-Lemming-Group/Lemming/commit/85e97110d2172d1b7e0be5506d905c683f6df554