Assignment

Implement a Graph member function with one argument: a vertex. The function will list all the possible paths from this vertex.

Example of Program Output

For the graph on the right, the output for vertex number 2:

```
Enter starting vertex: 2
Paths are:

  2 -> 4 -> 3 -> 7 -> 6 -> 2
  2 -> 4 -> 5 -> 7 -> 6 -> 2

Enter starting vertex: 3
Paths are:

  3 -> 7 -> 6 -> 2

Enter starting vertex: 4
Paths are:

  4 -> 3 -> 7 -> 6 -> 2
  4 -> 5 -> 7 -> 6 -> 2


Press any key to continue . . .
```