



8. Visualize the graphs
9. Check if:
  - a. Euler circuit exist or not and Graph is Eulerian
  - b. Euler path exists or not
  - c. Hamilton Path
  - d. Perform Depth First and Breadth First Traversal on graph

**Coding Standard to Follow:**

- For each graph create different Python Script (.py) with all the functionalities to implement
- There should be proper menu for user to perform the task
- Use proper comments in code for understanding
- Print output of each task with proper messages

**Assignment Submission Instruction:**

- Do the assignment by yourself (effort will be rewarded)
- Create a word document report with code snippets and output for each graph
- Submit softcopy **WORD document** and **PDF** with your registration number only.
- **In WORD Document include the PYTHON Code with output screenshots**
- Submit the softcopy in Microsoft Teams assignment section.
- Submit each python script and word document separately (do not upload folder or zip file)

**Marks will be deducted if coding standards and submission instructions are not followed properly.**

**Assignment document submitted on Microsoft Assignment will be marked other submissions will be marked as 0.**