National University
of computer and emerging sciences

LAB 03

LAB: Artificial Intelligence

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Assignment : Python Advance and Graphs

Instructions

1. Make a word document paste your code and output there.

2. You also have to submit .py file. In case using online interpreter, just word document is enough.

3. Comments in the code explaining chunks of the code is important.

4. Plagiarism is strictly prohibited, 0 mark would be given to students who cheat.

Objectives:

- Through this assignment you will learn how to implement graphs in Python

Lab Tasks:

Task 01

Write a Program for a Library System

Ask user about his name, create a dictionary to store his name and roll number, If his roll number exist say him Hi with his name and give him choices to select from different books category after selecting books category and then books at the end give him all the information which book he selects and random time to return books.

- Use classes for writing program.

Task 02

Implement Graph with List.

1.

Online Interpreter

https://www.programiz.com/python-programming/online-compiler/