



**National Vocational & Technical Training Commission**  
Institute of Electrical, Electronics and Computer Engineering  
University of the Punjab



---

**Artificial Intelligence C1 & C2**  
**Assignment 01 : 01/06/2023**  
**Module 1 : Week 2**

---

*Submission Requirements: Please upload your codes in PDF File on Google Classroom in the relevant Assignment section.*

*Note: Plagiarism is a serious violation. Zero marks will be awarded in case plagiarism is found.*

**Task 1:**

Write a Python class named Student with two attributes student\_name, marks. Modify the attribute values of the said class and print the original and modified values of the said attributes.

**Task 2:**

Write a Python class Restaurant with attributes like menu\_items, book\_table, and customer\_orders, and methods like add\_item\_to\_menu, book\_tables, and customer\_order. Perform the following tasks now:

- Now add items to the menu.
- Make table reservations.
- Take customer orders.
- Print the menu.
- Print table reservations.
- Print customer orders.

Note: Use dictionaries and lists to store the data