



Department of Computer Science, COMSATS University Islamabad, Abbottabad Campus.

(Mid-Term Lab Examination- Spring 24)

Course: Artificial Intelligence (CSC462)

Class: BSSE (6th A, 6th B)

Instructor: Dr. Mubashir Ahmad

Date and Time: Wednesday, 22nd May 2024, 09:00 AM

Maximum Marks: 20

Maximum Time: 60 minutes

- ✓ Q 1. Please write a simple python program using NumPy library to concatenate 2 arrays with each array having 3 elements.
- ✓ Q 2. Please write a python program to search for the 4 in the array [1, 2, 3, 4, 5, 4, 4].
- ✓ Q 3. Write a python program to generate a 1 random number between 0 to 100.
- ✓ Q no 4. Write a code to get the 2nd element of the array.
- ✓ Q 5. Write a code which shows the number of items in the tuple.
- ✓ Q 6. Write a python program which should contain 2 integers, 2 strings and 1 Boolean in a tuple.
- ✓ Q 7. Please take 3 items in a tuple of your choice and Iterate through the items (Loop) and print the values.
- ✓ Q no 8. Write a program to add items to a set using python.
- ✓ Q 9. Create a class named Student, which will inherit the properties and methods from the Person class.
- ✓ Q 10. Print i as long as i is less than 10 using a while loop in python.