

Class Test -01 | CO 1 | Marks: 20 | Time: 20 Minutes | Spring 2024 | Section: A

**Department of Computer Science and Engineering**

**CSE 309: Object Oriented Programming II: Visual and Web Programming**

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**Full Name:**

**ID:**

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1. Write a Python program that takes  $n$  numbers as input, stores them in a list, and performs the following tasks: 3+4+3
- Calculate the average of all the numbers.
  - Remove duplicates from the list if any, and then print the list.

Answer:

2.

3+ 7 = 10

**Description:** Write a Python function that performs two tasks on a given string `s`:

1. Removes any unwanted spaces from the beginning and end of the string.
2. Counts the number of vowels (a, e, i, o, u) in the cleaned string.

Answer:

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1. Write a Python function that accepts a list as a parameter, removes the duplicate elements, and returns all of the following: 3+4+3
- The sum of the unique elements.
  - The average of the unique elements.
  - The list of unique elements.

Answer:

2. Write the output of the following code(Detect error if any).

5 x 2 = 10

```
s='hello world'
print(s[::-3])
print(s[-3:99:-1])
print(s[-5:0:1])
print(s[-45:999:])
print(s[::]
```

Answer: