EAST WEST UNIVERSITY
Department of Computer Science and Engineering
B.Sc. in Computer Science and Engineering Program
Quiz 1, Fall 2024 Semester

Course: **CSE430, Section 2, Software Quality Assurance and Testing**
Instructor: **Anika Tabassum, Lecturer, CSE Department**
Full Marks: **10**
Time: **30 Minutes**

Note: There are **Three** questions, answer ALL of them. The Mark of each question is mentioned at the right margin.

1. This program is supposed to print all the odd numbers from 1 to 100   [CO1,C3, Mark: 3]

```
 int i = 1;
int sum = 0;
while (i <= 100) {
  sum += i;
}

++i;
printf("The sum of numbers from 1 to 100 is: %d\n", sum);
```

Find the error, fault and failure of the program.

2 According to McCall's Factor Model, what are the factors that you need to focus on to check how well a product runs?   [CO1, C3, Mark: 5]

3. Which software Quality Assurance components will help you to ensure that the development and quality plans have been correctly determined?   [CO1, C3, Mark: 2]