

**CS 107: Computer Programming – Section 2 – College of Engineering**  
**1433/1434: First Semester; Monday 27/12/1433; Duration: 30 minutes**

**Quiz 1 (2 exercises, 2 pages)**

**Exercise 1 (3 points)**

What is the output of the following codes?

1) (1 point)

```
#include <iostream>
using namespace std;

int main() {
    int x = 7;
    int y = 5;
    int z = 3 + x % y;
    cout << "z = " << z << endl;
    return 0;
}
```

.....

2) (1 point)

```
#include <iostream>
using namespace std;

int main() {
    int x = 8;
    int y = 8;
    int z;
    if (x > y) z = 1 + x;
    else z = 2 + y;
    cout << "z = " << z << endl;
    return 0;
}
```

.....

3) (1 point)

```
#include <iostream>
using namespace std;

int main() {
    int n = 7;
    int i = 0;
    while (i < n) {
        if (i / 5 == 1) {
            n--;
            continue;
        }
        i++;
    }
    cout << "i = " << i << endl;
    return 0;
}
```

.....

