C++ Programming (2) - CSC 1201 2<sup>nd</sup> term Year 2019 /2020 Worksheet (3)



King Saud University Natural Sciences And Engineering Program Programming And Database Diploma

Student Name:	Student Number:

1. Examine the following C++ code then choose the right answer. What is most likely to happen with this loop?

```
int i = 1;
while(i < 100) {
    if(i > 50 && i % 25 == 0) {
        continue;
    }
i++;
}
```

The code will run 100 times.

An infinite loop will occur.

i will get updated to 0.

The continue statement will restart the loop.

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2. Write a program in C++ to display n terms of natural number and their sum.

```
Display n terms of natural number and their sum:
Input a number of terms: 7
The natural numbers upto 7th terms are:
1 2 3 4 5 6 7
The sum of the natural numbers is: 28
```