

CISS240: Introduction to Programming
Quiz q1101

Name: _____

Score:

This is a closed-book, no C++ compiler, 8-minute quiz.

Q1. Complete the code fragment below so as to produce the following output:

```
4
 3 2 1 0
3
 2 1 0
2
 1 0
1
0
```

ANSWER:

```
for (          ;          ;          )
{
    std::cout << i << '\n';
    for (          ;          ;          )
    {
        std::cout << ' ' << j;
    }
    std::cout << '\n';
}
```

Q2. Complete the code fragment below so as to produce the following output:

```
4
 1 2 3 4
3
 3 2 1
2
 1 2
1
1
```

ANSWER:

```
for (          ;          ;          )
{
```

```
std::cout << i << '\n';
if (          ) // CASE: i is odd. Print j running from i to 1
{
    for (          ;          ;          )
    {
        std::cout << ' ' << j;
    }
}
else // CASE: i is even. Print j running up 1 to i
{
    for (          ;          ;          )
    {
        std::cout << ' ' << j;
    }
}
std::cout << '\n';
}
```