

CISS240: Introduction to Programming
Quiz q1001

Name: _____

Score:

This is a closed-book, no C++ compiler, 2-minute quiz.

Q1. What is the final values of i, j, and k?

```
int main()
{
    int i = 3, k = 4, j = 1;

    i += k;
    j++;
    k += j;

    i += k;
    j++;
    k += j;

    i -= k;
    j--;
    k -= j;

    j *= j;

    // What is the final value of i, j, k?

    return 0;
}
```

(a) Final value of i:

ANSWER:

(b) Final value of j:

ANSWER:

(c) Final value of k:

ANSWER:

Q2. Rewrite the following with pre-increment, post-increment, pre-decrement, post-

decrement, augmented operators:

```
for (int i = 0; i < 100; ++i)
{
    x = x + i;
    y = y * i;
}
```

ANSWER:

```
for (          ;          ;          )
{
    x = x - i;
    y = y / i;
}
```