CISS240: Introduction to Programming
Quiz q1005

Name: _____ Score: [ ]

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

Q1. Complete the following code fragment to compute the sum $1+2+3+\cdots+1000$.
Answer:

```
      sum =           ; // declare and initialize
for (int i =             ;            ;            )
{

}
std::cout << sum << std::endl;
```

Q2. Complete the following code fragment to compute the sum $10+12+14+\cdots+996+998+1000$.
Answer:

```
      sum =           ; // declare and initialize
for (int i =             ;            ;            )
{

}
std::cout << sum << std::endl;
```

Q3. Complete the following code fragment to compute the sum of the integers 10, 12, 14, ..., 996, 998, 1000 *except* for the integers in [100, 200], i.e., compute and print

$$10+12+14+\cdots+94+96+98+202+204+206+\cdots+996+998+1000$$

You must use only one for-loop. Of course this can be done in two separate for-loops, but for this question you have to following the given code fragment and use only one for-loop. (You need an if statement.)
Answer:

```
      sum =           ; // declare and initialize
for (int i =             ;            ;            )
{
```

```
}
std::cout << sum << std::endl;
```