CISS240: Introduction to Programming
Quiz q0401

Name: _____   Score: [   ]

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

Q1. What is the type of the value of the following expression?

```
1 + 2 * 3.1 - 4 + 3
```

(Write `int` or `char` or `C-string` or `float` or `double`.)

ANSWER:

[   ]

Q2. Joe Cantcode wrote the following code fragment:

```
int x, y;
std::cin >> x >> y;
std::cout << x / y << std::endl;
```

When he entered `2` for `x` and `8` for `y`, the instructor wanted the output to be 0.25. But it's *not*. What should be printed in the print statement:

```
int x, y;
std::cin >> x >> y;
std::cout << _____ << std::endl;
```

ANSWER:

[   ]

Q3. What integer value in the following C++ expression is the *first* to be type promoted to a `double`?

```
4 + 2 - 13 / 4 * 5.1 + 2
```

ANSWER:

[   ]

Q4. What is the final value of `s` for the following code fragment?

```
double s = 0.0;
int i = 1;
```

```
int j = 10;

s += i / double(j);
i += 1;
j *= 10;

s += i / double(j);
i += 1;
j *= 10;

s += i / double(j);
i += 1;
j *= 10;

s += i / double(j);
i += 1;
j *= 10;

s += i / double(j);
i += 1;
j *= 10;
```

ANSWER: