

Quiz #1

CS 211

Adam Sweeney

September 16, 2017

Wichita State University, EECS

Question 1

- Write a declaration for an integer variable names `snowfall`.

Question 1

- Write a declaration for an integer variable names snowfall.
- `int snowfall;`

Question 2

- What is the value of the previously declared variable `snowfall`?

Question 2

- What is the value of the previously declared variable `snowfall`?
- UNKNOWN

Question 3

- Write a declaration for a double-precision floating point variable named `gigawatts` that is initialized with the value `1.21`

Question 3

- Write a declaration for a double-precision floating point variable named `gigawatts` that is initialized with the value `1.21`
- `double gigawatts = 1.21;`

Question 4

- Write what this code snippet would output.

```
int a = 12, b = 5;
```

```
int x;
```

```
x = a + b;
```

```
cout << "x = " << x << endl;
```

```
x = b * b;
```

```
cout << "x = " << x << endl;
```

```
cout << (a - b) << endl;
```

```
cout << (a / b) << endl;
```


Question 4

- Write what this code snippet would output.

```
int a = 12, b = 5;
```

```
int x;
```

```
x = a + b;
```

```
cout << "x = " << x << endl;
```

```
x = b * b;
```

```
cout << "x = " << x << endl;
```

```
cout << (a - b) << endl;
```

```
cout << (a / b) << endl;
```

- x = 17

x = 25

7

2

Question 5

- Reed was working on his third homework assignment in lab and nearly had it finished before realizing that he named the file `program3` instead of `program3.cpp`. Write out the terminal command Reed can issue to rename the file.

Question 5

- Reed was working on his third homework assignment in lab and nearly had it finished before realizing that he named the file `program3` instead of `program3.cpp`. Write out the terminal command Reed can issue to rename the file.
- `mv program3 program3.cpp`

Question 6

- Circle the error in this code. Also write what it should be changed to.

```
Double length;  
length = 78.33 / 5.0;
```

Question 6

- Circle the error in this code. Also write what it should be changed to.

```
Double length;  
length = 78.33 / 5.0;
```

- `double` length;

Question 7

- Write a code snippet [with a loop] that will output the following text, verbatim:

```
Da da da da da da da da da da da da da da da da da  
Batman!
```

Question 7

- Write a code snippet [with a loop] that will output the following text, verbatim:

Da da da da da da da da da da da da da da da da da
Batman!

- ```
cout << "Da ";
for (int i = 1; i <= 16; i++)
 cout << "da ";
cout << "\nBatman!\n";
```