

“Quiz”

Quiz? Quiz.

Q: Why must this function be labeled as void?

```
void error() {  
  
    std::cout << "[FATAL ERROR] Something has gone horribly wrong." << std::endl;  
  
    std::cout << "Please restart the program and try again" << std::endl;  
  
}
```

A

Because this function does not return anything. It simply executes a block of code.

Q: Why do the next two functions have returns in them but error() doesn't?

```
double opX(double a, double b) {  
  
    return (a * a) / (2 * b);  
  
}
```

```
double opY(double a, double b) {  
  
    return (a * -b) + (b - a);  
  
}
```

A

These functions are blocks of code which execute and **return** a result the rest of the program can use

Q: What does this function do?

<http://pastebin.com/jasrCyhX>

A

1. The program loops until the user enters "QUIT"
2. The program prompts the user into choosing between two mathematical operations
3. The program prompts the user for a number only if the user enters a valid operation
4. The program prints the answer of the correct operation and moves back to #2