

Part 3: If Statement

If statements allow us to make comparisons then if the comparison is true execute a sets/blocks of code. There are also if/else statements that allow us to make a comparison and if the comparison is true execute a sets/blocks of code and if false execute a different set line(s) of code.

This program will have us use your age as a comparison using an if/else statement. We will compare age to 40. Anything below will say you are young and anything above will say you are over the hill.

```
#include <iostream>
```

```
using namespace std;
```

```
int main()
```

```
{
```

```
string firstname;
```

```
int age;
```

```
cout << "Hello World" << endl;
```

```
cout << "What is your name?";
```

```
cin >> firstname;
```

```
cout << "Hello " << firstname << " my name is PC" << endl;
```

```
// CODE FOR ASKING YOUR AGE HERE. THIS IS CODE FROM THE PREVIOUS PAGE. BLOCKED OUT FOR YOUR TO WRITE.
```

```
cout << "\nWhat is your Age?";
```

```
cin >> age;
```

```
if (age <= 40)
```

```
{
```

```
cout << "You are a youngster\n";
```

```
// \n allows the cursor to drop to the next line without any input
```

```
}
```

```
else
```

```
{
```

```
cout << "You are Over the Hill!\n";
```

```
// \n allows the cursor to drop to the next line without any input
```

```
}
```

```
return 0;
```

```
}
```

Assignment: Add an if/else statement(s) that says the following when in that age range

1. Less than Zero Print ERROR!!
2. 0-10 or below you should have parent permission to be on the computer
3. 11-20 this is way too easy for you
4. 21-79 You know your stuff
5. 80 or above I am impressed you are tech savvy

HINT: Use && or || comment. Remember that comparisons can only be 1 for 1
i.e if (age < "VALUE ____ age > "VALUE")

NOTE: ____ underscore is where or/and statement would be placed

Save File

Show Mr. Jourden upon Completion

Turn-In a Screenshot of Program (Be sure to label what program you are turning in)