

Smith 8ed Lab 2-1 Guide**#1:**

```
5  #include <iostream>
6  using namespace std;
7  int main()
8  {
9      // Declare and initialize your variables here
0
1
2  myNewAge = myCurrentAge + (2050 - currentYear);
3
4  cout << "My Current Age is " << myCurrentAge << endl;
5  cout << "I will be " << myNewAge << " in 2050." << endl;
6
7  return 0;
8 }
```

#2

```
1 #include <iostream>
2 using namespace std;
3 int main()
4 {
5     int myNewAge;
6
7     myNewAge = myCurrentAge + (2050 - currentYear);
8
9     cout << "My Current Age is " << myCurrentAge << endl;
10    cout << "I will be " << myNewAge << " in 2050." << endl;
11
12    return 0;
13 }
```

#3

```
#include <iostream>
using namespace std;
int main()
{
    int myNewAge;
    int myCurrentAge = 29;

    myNewAge = myCurrentAge + (2050 - currentYear);

    cout << "My Current Age is " << myCurrentAge << endl;
    cout << "I will be " << myNewAge << " in 2050." << endl;

    return 0;
}
```

#4

```
#include <iostream>
using namespace std;
int main()
{
    int myNewAge;
    int myCurrentAge = 29;
    int currentYear = 2014;

    myNewAge = myCurrentAge + (2050 - currentYear);

    cout << "My Current Age is " << myCurrentAge << endl;
    cout << "I will be " << myNewAge << " in 2050." << endl;

    return 0;
}
```

Now add your tag:

```
#include <iostream>
using namespace std;
int main()
{
    int myNewAge;
    int myCurrentAge = 29;
    int currentYear = 2014;

    myNewAge = myCurrentAge + (2050 - currentYear);

    cout << "My Current Age is " << myCurrentAge << endl;
    cout << "I will be " << myNewAge << " in 2050." << endl;
    cout << "Coded by YOUR NAME OR HANDLE HERE" << endl;

    return 0;
}
```

Final Output - Code above, Execution below:

```
#include <iostream>
using namespace std;
int main()
{
    int myNewAge;
    int myCurrentAge = 29;
    int currentYear = 2014;

    myNewAge = myCurrentAge + (2050 - currentYear);

    cout << "My Current Age is " << myCurrentAge << endl;
    cout << "I will be " << myNewAge << " in 2050." << endl;
    cout << "Coded by YOUR NAME OR HANDLE HERE" << endl;

    return 0;
}
```

E:\MCC\Fall 2018\COSC 1336 87 Prog Fun 1 Online\Smith8edFiles\Data\Chapter 02\N
My Current Age is 29
I will be 65 in 2050.
Coded by YOUR NAME OR HANDLE HERE

Process returned 0 (0x0) execution time : 2.699 s
Press any key to continue.