Program 1:

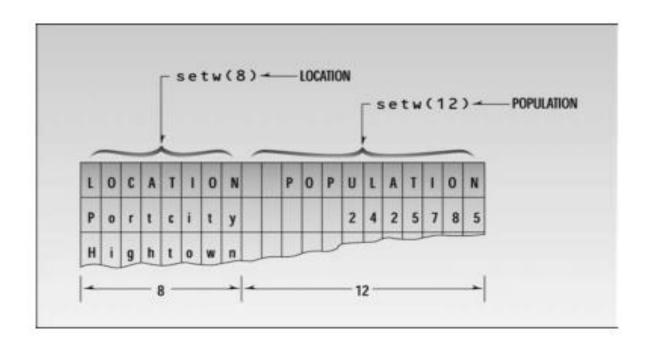
```
// fahren.cpp
// demonstrates cin, newline
#include <iostream>
using namespace std;

int main()
    {
    int ftemp; //for temperature in fahrenheit

    cout << "Enter temperature in fahrenheit: ";
    cin >> ftemp;
    int ctemp = (ftemp-32) * 5 / 9;
    cout << "Equivalent in Celsius is: " << ctemp << '\n';
    return 0;
}</pre>
```

Program 2:

Program 3:



Program 4:

```
// sqrt.cpp
// demonstrates sqrt() library function
#include <iostream>
                                //for cout, etc.
#include <cmath>
                                //for sqrt()
using namespace std;
int main()
   double number, answer;
                                //sqrt() requires type double
   cout << "Enter a number: ";
   cin >> number;
                                //get the number
   answer = sqrt(number);
                                //find square root
   cout << "Square root is "
   << answer << endl;
                                //display it
   return 0;
```