2.4 We use two variables of type \texttt{float}

```c
int main()
{
    // converts inches to centimeters:
    float inches, cm;
    cout << "Enter length in inches: ";
    cin >> inches;
    cm = 2.54*inches;
    cout << inches << " inches = " << cm << " centimeters.\n";
}
```

Enter length in inches: \textbf{16.9}

16.9 inches = 42.926 centimeters.