

```
1 #include <stdio.h>
2 #include <cs50.h>
3 #include <math.h>
4
5 int main(void)
6 {
7     float weight;
8     do
9     {
10         weight = get_float("How many ounces is your package \n"); // repeat the
question until valid input
11     }
12     while (weight < 1); // only allow numbers over 1
13
14     int mass = ceil(weight); // round weight up to nearest whole number
15
16     if (mass <= 13)
17     {
18         float price = (((mass - 1) * 2) * 0.1) + 1; // math to get the price in terms
of the weight
19         printf("%.2f\n", price); // print the price formatted
20     }
21     else
22     {
23         printf("Over allowed weight."); // printed if the weight rounded up is over
13oz
24     }
25 }
26 }
```