

```

1: #include <stdio.h>
2:
3: /*
4: function Main
5: A.1 Set variables
6: A.2 Get the number of small and big bottles
7: A.3 Get the sum of the bottles and the money
8: A.4 Check with an if conditional if it satisfies the conditions and act accordingly
9: A.4.1 If it's bigger than 600 give 20% discount
10: A.4.2 If it's bigger than 200 or 3000 bottles give 8% discount
11: A.5 Print the total cost
12: A.6 Terminate program
13: */
14:
15:
16: int main() {
17:     //Set variables
18:     int smallBottles, bigBottles, totalBottles;
19:     float totalCost;
20:
21:     //Check for negative
22:     do {
23:         //Ask for the small bottles
24:         printf("How many small bottles do u want to buy: ");
25:         scanf("%d", &smallBottles);
26:     } while (smallBottles < 0);
27:
28:     //Check for negative
29:     do {
30:         //Ask for big bottles
31:         printf("How many big bottles do u want to buy: ");
32:         scanf("%d", &bigBottles);
33:     } while(bigBottles < 0);
34:
35:
36:     //Get totalCost and totalBottles
37:     totalCost = 0.008 * smallBottles + 0.02 * bigBottles;
38:     totalBottles = smallBottles + bigBottles;
39:
40:     if (totalCost > 600) {
41:         totalCost -= (totalCost * 20) / 100;
42:     } else if (totalCost > 200 || totalBottles > 3000) {
43:         totalCost -= (totalCost * 8) / 100;
44:     }
45:
46:     printf("You bought a total of %d bottles (%d small bottles and %d big bottles) for a price of %.2f$", totalBottles,
47:     return 0;
48: }

```