

```
1. #include <stdio.h>
2. #include <cs50.h>
3.
4. int main(void){
5.     printf("Input your shower time\n");
6.     int min = GetInt();
7.     int bottle = (192*min)/16;
8.     printf("Bottles required : %d ",bottle);
9. }
```

```
1. #include <stdio.h>
2. #include <cs50.h>
3. #include <math.h>
4. int main(void){
5.     float money = 0;
6.     while(money <= 0 ){
7.         printf("Input change owed.Change cannot be negative or zero\n");
8.         money = GetFloat();
9.     }
10.    money = round(money*100);
11.    int count = 0;
12.    int change = (int)(money);
13.    while(true){
14.        if(change==0){
15.            break;
16.        }else if(change >= 25){
17.            count += change / 25;
18.            change = change % 25;
19.        }else if(change >= 10){
20.            count += change / 10;
21.            change = change % 10;
22.        }else if (change >= 5 && change < 10){
23.            count += change / 5;
24.            change = change % 5;
25.        }else if(change >=1 && change < 5){
26.            count += change;
27.            change = 0;
28.        }
29.    }
30.    printf("%d\n",count);
31. }
32.
33.
34.
35.
36.
```

```
1. #include <stdio.h>
2. #include <cs50.h>
3.
4. int main(void){
5.     int height;
6.     do{
7.
8.         printf("Input pyramid height. Height cannot be negative or greater than 23\n");
9.         height = GetInt();
10.
11.     }while(height < 0 || height > 23);
12.     for(int row = 2; row <= height+1 ; row++){
13.         for(int space=height-row+1; space >= 1; space--){
14.             printf(" ");
15.         }
16.         for(int column = 1 ; column <= row ; column++){
17.             printf("#");
18.         }
19.         printf("\n");
20.     }
21.
22. }
```

```
1. #include<stdio.h>
2. int main(void){
3.     printf("Hello");
4. }
```