

```

1  #include<stdio.h>
2  #include<stdlib.h>
3  int main() {
4
5      int itemsSold = 0;
6      printf("How many items sold today? ");
7      scanf("%d",&itemsSold);
8      int *soldItems;
9      soldItems = (int*)calloc(itemsSold,sizeof(int));
10     char response;
11     printf("===Final call===\n");
12     printf("Are there any new items sold? y for yes, any other character for no.");
13     scanf(" %c",&response);
14     if(response=='y'){
15         printf("Final call, tell me correct count of items?: ");
16         scanf("%d",&itemsSold);
17         soldItems = (int*)realloc(soldItems,sizeof(int)*itemsSold);
18     }
19
20     if(soldItems==NULL){
21         printf("Please enter correct number of items\n");
22         exit(0);
23     }else{
24         for(int i=0;i<itemsSold;i++){
25             printf("Item %d cost: ",i+1);
26             scanf("%d",&soldItems[i]);
27         }
28         int sum = 0;
29         for(int j=0;j<itemsSold;j++){
30             sum = sum+soldItems[j];
31         }
32         free(soldItems);
33         printf("Total cash is: %d",sum);
34     }
35
36
37     /*    int a = 10;
38         int b = 20;
39         int c = a+b;
40         int *addressOfA = &a;
41         addressOfA = &b;
42         *addressOfA = 300;
43         a = 100;
44         printf("%p\n",addressOfA);
45         printf("a value is: %d\n",a);
46         printf("a value is using address: %d\n",*addressOfA);
47         printf("Address of a is: %p\n",&a);
48         printf("Address of b is: %p\n",&b);
49         printf("Address of c is: %p\n",&c);
50         printf("Sum: %d",c);*/
51
52     return 0;
53 }
54

```