```cpp
#include<iostream>
#include<conio.h>
using namespace std;
class items
{
 private:
     int itemcode[10];
     int itemprice[10];
     int i;
 public:
     void getitems()
     {
         cout<<"\a";
           cout<<"Enter item code of item "<<i+1<<": ";
           cin>>itemcode[i];
           cout<<"\a";

           cout<<"Enter item price of item "<<i+1<<": ";
           cin>>itemprice[i];
           cout<<"\a";

           cout<<"\n\n";
           i++;
         cout<<"\n\n\n";
     }
     void display()
     {
         int k=1,t;
         for(t=0;t<i;t++)
          {
           cout<<"\t\tFor item"<<k<<"\n\a\a\a";
           cout<<"\tItem code :"<<itemcode[t]<<"\n";
           cout<<"\tItem price :Rs."<<itemprice[t]<<"\n\n";
           k++;
           cout<<"\n\n";
          }
     }
     void sum()
     {
         int sum=0,q;
         for(q=0;q<i;q++)
          sum = sum + itemprice[q];
         cout<<"\n\n total = Rs."<<sum<<"\n\n\a\a\a";
     }
     void removes()
     {
         int code,sumup=0,f,u,h;
         cout<<"Enter code of the item to be removed\n";
         cin>>code;

         for(h=0;h<i;++h)
          {
            if(itemcode[h]==code)
              itemprice[h]=0;
          }

            if(h==8)
             {
               cout<<"\nYou have not bought this item.\n";
             }
            else
             {
                cout<<"\n\tThe new bill is:\n";
                for(h=0;h<i;h++)
                 cout<<"Item : "<<itemcode[h]<<"\tItem price : Rs"<<itemprice[h]<<"\n";
             }
```

```cpp
67
68          for(f=0;f<i;f++)
69              sumup = sumup + itemprice[f];
70          cout<<"\n\t\t\Your Total amount is Rs."<<sumup;
71          cout<<"\n\n";
72        }
73     void initialise()
74      {
75       i=0;
76      }
77  };
78
79   main()
80    {
81        items i;
82        int c;
83        char ch=' ';
84
85        i.initialise();
86
87        cout<<"\a\n\n\t\t\t\t WELCOME \n\n\a";
88
89        while(ch!='n')
90         {
91           cout<<"Press 1 for entering items\n";
92           cout<<"Press 2 for total\n";
93           cout<<"Press 3 for displaying items\n";
94           cout<<"Press 4 for removing items\n\n";
95           cout<<"Make your choice and press enter\n";
96           cin>>c;
97
98           switch (c)
99            {
100             cout<<"\n";
101            case 1:
102             cout<<"\a\a";
103             i.getitems();
104
105            case 2:
106             cout<<"\a\a";
107             i.sum();
108             cout<<"do you want to continue?(y/n)\n\a";
109             ch=getch();
110             break;
111            case 3:
112             cout<<"\a\a";
113             i.display();
114             cout<<"do you want to continue?(y/n)\n\a";
115             ch=getch();
116             break;
117            case 4:
118             cout<<"\a\a";
119             i.removes();
120             cout<<"do you want to continue?(y/n)\a\n";
121             ch=getch();
122             break;
123          }
124
125        }
126
127  }
128
129
```