

```
1: #include<iostream>
2: using namespace std;
3: int main()
4: {
5:     int x,n=0,sum=0,nn=0;
6:     cout<<"Input the score: ";
7:     cin>>x;
8:     n++;
9:     sum+=x;
10:    while(x!=-1)
11:    {
12:        cout<<"Input the score: ";
13:        cin>>x;
14:        if(x>=0&&x<=100)
15:        {
16:            n++;
17:            sum+=x;
18:            if(x<60){
19:                nn++;
20:            }
21:        }
22:        else{
23:            cout<<"Invalid score."<<endl;
24:        }
25:    }
26:    cout<<"Total number of scores: "<<n<<endl;
27:    cout<<"Average score: "<< static_cast<double>(sum)/n <<endl;
28:    cout<<"Failed rate: "<< static_cast<double>(nn*100)/n <<'%';
29: }
```