

```

1: //WAP to input the two distances in feet and inch and add those distanc
2: #include <iostream>
3: using namespace std;
4: class length{
5:     private:
6:         int feet;
7:         int inch;
8:     public:
9:         length(int fet, int ich)
10:        {
11:            feet=fet;
12:            inch=ich;
13:        }
14:        void distance(length l1, length l2)
15:        {
16:            feet=l1.feet+l2.feet;
17:            inch=l1.inch+l2.inch;
18:            feet=feet+inch/12;
19:            inch=inch%12;
20:        }
21:        void newDistance()
22:        {
23:            cout<<"\n"<<feet<<" feet "<<inch<<" inch";
24:        }
25: };
26:
27: int main()
28: {
29:     length dis1(24,13);
30:     dis1.newDistance();
31:     length dis2(14,15);
32:     dis2.newDistance();
33:     length dis3(0,0);
34:     dis3.distance(dis1,dis2);
35:     dis3.newDistance();
36:
37:     return 0;
38: }

```