1 //adding 2 times

```
#include<iostream>
using namespace std;
class ttime{
	int hours;
	int minutes;
	int second;

	public:
		ttime()
		{
			hours=0; minutes=0; second=0;
		}

		ttime(int hrs, int min, int sec)
		{
			hours=hrs;
			minutes=min;
			second=sec;
		}
		void addtime(ttime t1, ttime t2){
			hours=t1.hours+t2.hours;
			minutes=t1.minutes+t2.minutes;
			second=t1.second+t2.minutes;
			hours=hours+minutes/60;
			if(hours>12){
				cout<<"P.M. :";
			}
			else{
```

```
                cout<<"A.M. :";
            }
            minutes=minutes%60;
            minutes=minutes+second/60;
            second=second%60;
        }
        void display()
        {
            cout<<hours<<"hours"<<minutes<<"minutes"<<second<<"second";
        }
};

int main()
{
    ttime tim1(1,36,120);
    cout<<endl;
    ttime tim2(4,36,80);
    cout<<endl;
    ttime times;
    times.addtime(tim1,tim2);
    times.display();

}
```

2.

//adding two distance

```
#include<iostream>
using namespace std;
class sdistance{

        int feet;
        int inch;

        public:
                sdistance()
                {
                        feet=0; inch=0;
                }
                sdistance(int f, int i)
                {
                        feet= f; inch= i;
                }

                void adddistance(sdistance d1, sdistance d2)
                {
                        feet=d1.feet+d2.feet;
                        inch=d1.inch+d2.inch;
                        feet=feet+inch/12;
                        inch=inch%12;
                }

                void display()
                {
                        cout<<"feet"<<feet<<"inch"<<inch;
                                }
```

```
};
int main(){
   sdistance dis1(12,32);
            dis1.display();
            cout<<endl;
            sdistance dis2(42,42);
            dis2.display();
            cout<<endl;
            sdistance length;
            length.adddistance(dis1,dis2);
            cout<<"result:"<<endl;
            length.display();
}
```