**Friend Function**

* Friend function is not a member function of a class to which it is a friend.
* Friend function is declared in the class with friend keyword.
* It must be defined outside the class to which it is a friend.
* Friend function can access any member of the class to which it is a friend.
* Friend function cannot access members of the class directly.
* It has no caller object.
* It should not be defined with membership label

class complex{

private:

int a,b;

public:

void set(intx,int y){

a=x;

b=y;}

void get(){

cout<<” a and b are:”<<a<<b<<endl;

}

friend void fun(complex c);

};

void fun(){

cout<<”sum of variables is:”<<c.a+c.b;

}

int main(){

complex c1;

c1.set(2,4);

fun(c1);

}