

What is Friend function?

Friend function acts as a friend of the class .It is a non-member function and has the ability to access the private and protected data of the class.

Note :

- A friend function cannot access the private members directly, it must use an object name and dot operator with each member name.
- Friend function uses objects as arguments

Example:

```
#include<iostream>
using namespace std;

class Person{
    private:
        string name;
        int age;

    public:
        Person()
        {
            name = "adam";
            age = 25;
        }

        friend void show(Person P);
};

void show(Person p)
{
    cout<<p.name<<" "<<p.age;
}

int main()
{
    Person p;
    show(p);
    return 0;
}
```