

C++ - LAB-7

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Q-1: Write a program to use friend function to access private member of an object.

Ans: Source Code:

```
// to use friend function to access private members of a class through objects
#include <bits/stdc++.h>
using namespace std;
class myclass
{
    int a,b;
    public:
    void getdata(int c, int d)
    {
        a=c;
        b=d;
    }
    friend void display_sum(myclass obj1)
    {
        int sum;
        sum=obj1.a + obj1.b;
        cout << "Sum of two numbers is " << sum << "\n";
    }
};

int main()
{
    int c,d;
    cout << "Enter Two Numbers:";
    cin >> c >> d;
    myclass obj;
    obj.getdata(c,d);
    display_sum(obj);

    return 0;
}
```

Output:

Enter Two Numbers:2 3

Sum of two numbers is 5