

Write a program to implement single inheritance in public mode

```
#include <iostream>
using namespace std;
class A {
protected:
    int a, b, total;

public:
    void get_data()
    {
        cout << "enter the first no" << endl;
        cin >> a;
        cout << "enter the second no" << endl;
        cin >> b;
    }
};
class B : public A {
public:
    void display()
    {
        total = a + b;
        cout << "sum of 2 nos is=" << total;
    }
};
int main()
{
    B obj;
    obj.get_data();
    obj.display();
    return (0);
}
```

Output

enter the first no

3

enter the second no

4

sum of 2nos is=7