



OOP (Object Oriented Programming) Lab

LAB REPORT # 6

Semester: 2nd Semester

Section: C

Submitted To:

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Submitted By:

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Code :

```
#include <iostream>

using namespace std;

class A
{
public:
    void print()
    {
        cout << "Class A" << endl;
    }
};

class F
{
public:
    void print()
    {
        cout << "Class F" << endl;
    }
};

class C : public A
{
public:
    void print()
    {
        cout << "Class C" << endl;
    }
}
```

```
};

class D : public C
{
public:
    void print()
    {
        cout << "Class D" << endl;
    }
};

class E : public C
{
public:
    void print()
    {
        cout << "Class E" << endl;
    }
};

class B : public A, public F
{
public:
    void print()
    {
        cout << "Class B" << endl;
    }
};

int main()
```

```
{  
  
    A a;  
  
    B b;  
  
    C c;  
  
    D d;  
  
    E e;  
  
    F f;  
  
  
    a.print();  
  
    b.A::print();  
    b.F::print();  
  
    c.print();  
  
    d.print();  
  
    e.print();  
  
    f.print();  
  
  
    return 0;  
}
```

Output :

```
Class A  
Class A  
Class F  
Class C  
Class D  
Class E  
Class F
```