

## Experiment No -8

### Virtual Function:-

```
#include<iostream>
using namespace std;
class Base
{
    public:
    virtual void base_demo()
    {
        cout<<"Hello"<<endl;
    }
};
class Derived:public Base
{
    public:
    void Derived_demo()
    {
        cout<<"Hello World"<<endl;
    }
};
int main()
{
    Derived D1;
    Base *B1;
    B1=& D1;
    B1->base_demo();
    D1.Derived_demo();
    return 0;
}
```

```
guest-1wza0b@os-HP-Compaq-dc7900-Small-Form-Factor:~$ g++ virtual.cpp
guest-1wza0b@os-HP-Compaq-dc7900-Small-Form-Factor:~$ ./a.out
Hello
Hello World
```