

Experiment No 7.

Date : / /
Page No.:

Title : Multiple Inheritance

Aim : To study multiple inheritance.

objective : To implement c++ program to demonstrate use of multiple inheritance.

Relevance:

Multiple inheritance occurs when a class inherits from more than one base class. so the class can inherit features from multiple base classes using multiple inheritance. This is an important feature of object oriented programming languages such as c++.

Program

```
# include <iostream>
```

```
using namespace std;
```

```
class A
```

```
{
```

```
void base1()
```

```
{
```

```
cout<<"base class 1"
```

```
}
```

```
}
```

```
class B
```

```
{
```

```
void base2()
```

```
{ cout<<"base class 2"; }
```

class C : A, B
{

void third()
{

cout << "I am in third class"

}

}

int main()

{

C t;

t.base1();

t.base2();

t.third();

return 0;

}

Output

I am in base 1 class

I am in base2 class.

I am in third class

Conclusion:

Thus we understand the use
of multiple inheritance, ho