

(B) How Base class member functions can be invoked in a derived class if the derived class also has a member function with the same name? Give example.

→ Member function of Base class is invoked using Super Keyword inside the derived class if it has the same function inside derived class.

Example

```
import java.util.*;
```

```
class Base
```

```
{
```

```
    int id;
```

```
    char gen;
```

```
    void getData();
```

```
{
```

```
        System.out.println("ID : ");
```

```
        id = S.nextInt();
```

```
        System.out.println("Gender : ");
```

```
        gen = S.next();
```

```
    }
```

```
    void display()
```

```
{
```

```
        System.out.println("ID : " + id);
```

```
        System.out.println("Gen : " + gen);
```

```
    }
```

```
}
```

```
class child extends Base
```

```
{
```

```
    public static void main (String[] args)
```

```
{
```

```
        void display();
```

```
{
```

```
        child c = new child ();
```

```
        c.getData();
```

```
        super.display();
```

```
        c.display();
```

```
}
```

```
}
```

(C) Package in Java

→ Creation of Package

```
Package mypack;
```

```
public class Demo
```

```
{
```

```
    public void display()
```

```
{
```

```
        System.out.println ("Demo  
class");
```

```
}
```

```
}
```


~~Import~~

Implementing package

◦ important mypacks;

§ Class Exam

public static void main (String
[] args)

§

Demo d1 = new Demo ();
d1.display ();

§

§