
Methods

```
public void test()  
{  
  
}
```

```
public void test(int a)  
{  
  
}
```

```
public int test()  
{  
    return 100;  
}
```

```
public int test(int x)  
{  
    return 500;  
}
```

```
class Demo
{
    void sum(int y)
    {
        S.o.p(y);
    }
}
```

```
Demo o1=new Demo();
o1.sum(80);
```

```
class Demo
{
    void sum(A ob1)
    {
        ob1.add();
    }
}
```

A ob1;

A ob2;

```
A s1 = new A();
```

```
B s2 = new B();
```

```
A    ob1 = new A();
```

```
A    ob2 = new B();
```

```
A    ob3 = s1;
```

```
A    ob4 = s2;
```

```
class Demo
{
    void sample(A ss2)
    {
        ss2.add();
    }
}
```

```
A ob=new A();
ob.x=1000;
```

```
Demo d=new Demo();
d.sample(ob);
```

```
class Demo
{
    int a=500;
    int sample()
    {
        return a;
    }
}
```

```
Demo ob =new Demo();
int h = ob.sample();
```

```
class Demo
{
    int sample()
    {

    }
}
```

```
class Demo
{
    A sample()
    {

    }
}
```

```
class Demo
```

```
{
```

```
    A sample()
```

```
    {
```

```
        A ss1=new A();
```

```
        ss1.x=400;
```

```
        return ss1;
```

```
    }
```

```
}
```

```
Demo d = new Demo();
```

```
A ob = d.sample();
```

```
ob.add();
```

```
class Demo
```

```
{
```

```
    void add(Object ob)
```

```
    {
```

```
    }
```

```
    Object get()
```

```
    {
```

```
    }
```

```
}
```

```
class Demo
```

```
{
```

```
    void add(Object ob)
```

```
    {
```

```
    }
```

```
    Object get()
```

```
    {
```

```
    }
```

```
}
```



Object class reference as Parameter

The diagram illustrates the use of the `Object` class reference in two contexts within the `Demo` class. An arrow points from the `Object` parameter in the `add` method to the text "Object class reference as Parameter". Another arrow points from the `Object` return type in the `get` method to the text "Object class reference as Return Type".

Object class reference as Return Type

```
void    add(Object ob);
```

```
Object get();
```

```
Class.forName("oracle.jdbc.driver.OracleDriver");
```

```
DriverManager
```

```
    Connection    getConnection("String");
```

```
    Statement     createStatement();
```

```
    int           executeUpdate(String);
```

```
    ResultSet     executeQuery(String);
```