Methods

```
A   ob1;

A   ob2;
```

```
A s1=new A();
  s1.x=100;

B s2=new B();
  s2.x=200;
  s2.y=300;
```

```
A   ob1 = new A();

A   ob2 = new B();

A   ob3 = s1;

A   ob4 = s2;
```

Methods with parameters

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

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

Methods with parameter

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

    }
}
```

Parameter

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

Argument

Methods with parameters

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

     }
}
```

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

Methods with Reference parameter

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

Methods with parameters

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

Parameter

```
A o1=new A();
o1.x=1000;
Demo d1=new Demo();
d1.sample(o1);
```

Argument

Methods with Reference parameters

```
class Demo
{
    A ss1;
    void sample(A ss2)
    {
      this.ss1 =ss2;
      ss1.add();
    }
}
```

```
A o1=new A();
o1.x=1000;

Demo d1=new Demo();
d1.sample(o1);
```

Methods with return type

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

Demo o1=new Demo();

int h=o1.sample();

Methods with Reference return type

```
class Demo
{
    int sample()
    {

    }
}
```

```
class Demo
{
    A sample()
    {

    }
}
```

Methods with return type

```
class Demo
{
  A sample()
  {

    A ss1=new A();
    ss1.x=400;

    return ss1;
  }
}
```

```
Demo d1=new Demo();

A  ob1=d1.sample();
ob1.add();
```

```
class Demo
{
    void add(Object ob)
    {

    }
    Object get()
    {

    }
}
```

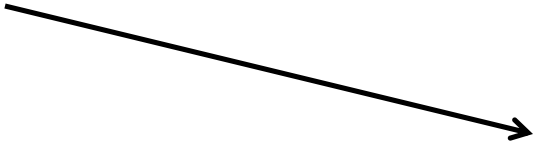
```
class Demo
{
    catch(Object ob)
    {

    }
}
```

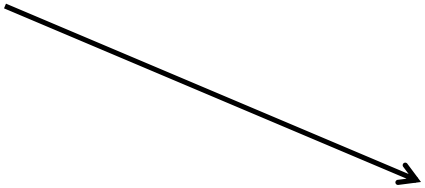
```
class Demo
{
    void add(Object ob)
    {

    }
    Object get()
    {

    }
}
```



Object class reference as Parameter



Object class reference as Return Type

```
void   add(Object ob);

Object get();
```