



## Constructor in Java

```
{ int x;  
  x = 10;  
}
```

```
int x = 10;
```

```
public class Pair {
```

```
  int x;
```

```
  int y;
```

```
  Pair (int v1, int v2) {  
    x = v1;  
    y = v2;  
  }  
}
```

```
Pair p1 = new Pair ();
```

```
p1.x = 10;
```

```
p1.y = 20;
```

```
Pair p2 = new Pair (10, 20);
```

## Copy Constructor

```
public class Pair {
```

```
  int x;
```

```
  int y;
```

```
  Pair (Pair p1) {  
    x = p1.x;  
    y = p1.y;  
  }  
}
```

```
  Pair (int v1, int v2) {  
    x = v1;  
    y = v2;  
  }  
}
```

```
Pair p1 = new Pair (10, 20);
```

```
Pair p2 = new Pair (p1.x, p1.y);
```