

Lab 9a

```
Class Demo<T, V>
```

```
{
```

```
    T obj1;
```

```
    V obj2;
```

```
    public Demo(T obj1, V obj2) {
```

```
        this.obj1 = obj1;
```

```
        this.obj2 = obj2;
```

```
    }
```

```
    void showTypes()
```

```
    {
```

```
        System.out.println("Type of T:" + obj1.getClass().getName());
```

```
        System.out.println("Type of V:" + obj2.getClass().getName());
```

```
    }
```

```
}
```

```
Class Player
```

```
{
```

```
    String name;
```

```
public player(String name) {  
    this.name = name;  
}  
}
```

```
public class Gene-demo {
```

```
    public static void main(String[] args) {  
        Demo<Integer, String> d1 =  
            new Demo<Integer, String>(21, "Faster");  
        d1.show-types();  
        System.out.println();
```

```
        Demo<Double, Boolean> d2 =  
            new Demo<Double, Boolean>(23.45, true);  
        d2.show-types();  
        System.out.println();
```

```
        Player p = new Player("John");  
        Demo<Player, Integer> d3 =  
            new Demo<Player, Integer>(p, 45);  
        d3.show-types();  
    }
```

```
}
```