

```
class Box<T>  
{  
private T t;  
public void add(T t)  
{  
this.t=t;  
}  
public T get()  
{  
return t;  
}  
}  
class inferece  
{  
public static void main(String[]args)  
{  
Box<Integer> i=new Box<>();//inference  
Box<String> s=new Box<String>();
```

```
i.add(new Integer(10));  
s.add(new String("Hello World"));  
System.out.println("Integer Value:"+i.get());  
System.out.println("String Value:"+s.get());  
}  
}
```

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```
import java.util.Arrays;
```

```
import java.util.List;
```

```
public class wildcard {
```

```
    public static double sum(List<? extends Number> numberlist) {
```

```
        double sum = 0.0;
```

```
        for (Number n : numberlist) sum += n.doubleValue();
```

```
        return sum;
```

```
    }
```

```
public static void main(String args[]) {  
    List<Integer> integerList = Arrays.asList(1, 2, 3);  
    System.out.println("sum = " + sum(integerList));  
  
    List<Double> doubleList = Arrays.asList(1.2, 2.3, 3.5);  
    System.out.println("sum = " + sum(doubleList));  
}  
}
```

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