public class SimpleGeneric<T> { private T object;

public SimpleGeneric(T object) { this.object = object;

}

public void showObjectType() {

System.out.println("Object Type is " + object.getClass().getName());

}

public static void main(String[] args) {

SimpleGeneric<String> stringGenClass = new SimpleGeneric<>("Input String"); stringGenClass.showObjectType();

SimpleGeneric<Integer> integerGenClass = new SimpleGeneric<>(42); integerGenClass.showObjectType();

MyClass myObject = new MyClass();

SimpleGeneric<MyClass> myClassGenClass = new SimpleGeneric<>(myObject); myClassGenClass.showObjectType();

}

}

class MyClass {

}

OUTPUT:

D:\JavaProgrammingFundamentals>javac SimpleGeneric.java

D:\JavaProgrammingFundamentals>java SimpleGeneric Object Type is java.lang.String

Object Type is java.lang.Integer Object Type is MyClass