package Generics;  
  
public class MethodGenerics {  
 public static void main(String[] args) {  
 Bag1<Double> bg1=new Bag1<Double>();  
 bg1.setValue(12.232345);  
  
 Bag2 bg2=new Bag2();  
 bg2.setValue(12.6f);  
  
 System.*out*.println(bg1.getValue()+" "+bg2.getValue());  
 }  
}  
class Bag1 <T extends Number> {  
  
 private T value;  
 public void setValue(T value) {  
 System.*out*.println(value.getClass());  
 this.value=value;  
 }  
 public T getValue() {  
 return value;  
 }  
  
}  
  
class Bag2 {  
  
 private Number value;  
 public <T extends Number> void setValue(T value) {  
 System.*out*.println(value.getClass());  
 this.value=value;  
 }  
 public <T extends Number> T getValue() {  
 return (T) this.value;  
 }  
}

C:\Users\Roystan\.jdks\openjdk-21.0.2\bin\java.exe "-javaagent:C:\Program Files\JetBrains\IntelliJ IDEA Community Edition 2023.3.3\lib\idea\_rt.jar=60368:C:\Program Files\JetBrains\IntelliJ IDEA Community Edition 2023.3.3\bin" -Dfile.encoding=UTF-8 -Dsun.stdout.encoding=UTF-8 -Dsun.stderr.encoding=UTF-8 -classpath C:\Users\Roystan\IdeaProjects\JavaWorkspace\out\production\JavaWorkspace Generics.MethodGenerics

class java.lang.Double

class java.lang.Float

12.232345 12.6

Process finished with exit code 0