package Generics;  
  
public class ConstructorGenerics {  
 public static void main(String[] args) {  
 Bucket1 <Double> b1=new Bucket1<>(23.00);  
 System.*out*.println(b1.getValue());  
  
 Bucket2 b2=new Bucket2(12.00f);  
 System.*out*.println(b2.getValue());  
 }  
  
}  
  
class Bucket1 <T extends Number> {  
  
 private T value;  
 Bucket1(T value)  
 {  
 this.value=value;  
 }  
  
 public T getValue() {  
 return value;  
 }  
}  
  
class Bucket2 {  
  
 private Number value;  
 <T extends Number> Bucket2(T value)  
 {  
 this.value=value;  
 }  
  
 public Number getValue() {  
 return 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=60336: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.ConstructorGenerics

23.0

12.0

Process finished with exit code 0