package Generics;  
  
public class GenericsOnEnum {  
 public static void main(String[] args) {  
 Double result= Mathoperations.*MUL*.apply(30,40);  
 System.*out*.println(result);  
 }  
}  
  
enum Mathoperations{  
 *ADD*,*SUB*,*MUL*,*DIV*;  
  
 public <T extends Number> double apply(T t,T j){  
 return switch (this){  
 case *ADD* -> t.doubleValue()+ j.doubleValue();  
 case *SUB* -> t.doubleValue()- j.doubleValue();  
 case *MUL* -> t.doubleValue()\* j.doubleValue();  
 case *DIV* -> t.doubleValue()/ j.doubleValue();  
 };  
 }  
  
  
}

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=57272: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.GenericsOnEnum

1200.0

Process finished with exit code 0