package Assignments;  
  
public class Assignment1 {  
  
 // 1. Minimum of three numbers  
 public static int minimumOfThree(int a, int b, int c) {  
 return Math.*min*(a, Math.*min*(b, c));  
 }  
  
 // 2. Check if a couple is eligible for marriage  
 public static String isEligibleForMarriage(int girlAge, int boyAge) {  
 return (girlAge >= 18 && boyAge >= 21) ? "Yes" : "No";  
 }  
  
 // 3. Print tax amount using ternary operator  
 public static double calculateTax(double billAmount) {  
 return billAmount > 50000 ? billAmount \* 0.10 : billAmount \* 0.05;  
 }  
  
 // 4. Check if a year is a leap year  
 public static boolean isLeapYear(int year) {  
 return (year % 4 == 0 && year % 100 != 0) || (year % 400 == 0);  
 }  
  
 // 5. Check if a number is odd or even  
 public static String isOddOrEven(int number) {  
 return (number % 2 == 0) ? "Even" : "Odd";  
 }  
  
 public static void main(String[] args) {  
 // Test the methods  
 System.*out*.println("Minimum of 3, 7, 5: " + *minimumOfThree*(3, 7, 5));  
 System.*out*.println("Couple eligibility (girl: 19, boy: 22): " + *isEligibleForMarriage*(19, 22));  
 System.*out*.println("Tax on bill amount 60000: " + *calculateTax*(60000));  
 System.*out*.println("Year 2024 is leap year: " + *isLeapYear*(2024));  
 System.*out*.println("Number 7 is: " + *isOddOrEven*(7));  
 }  
}