Assignment 5: Decision Control Statements

1. Write a program to check whether a given number is divisible by 5 or not.
2. Write a program to check whether a given number is positive or non-positive.
3. Write a program to check whether a given number is an even number or an odd number.
4. Write a program to check whether a given number is an even number or an odd number **without using the % operator**.
5. Write a program to check whether the given number is even or odd **using a bitwise operator**.
6. Write a program to check whether a given number is a three-digit number or not.
7. Write a program to print the greater between two numbers. Print one number if both are the same.
8. Write a program to check whether roots of a given quadratic equation are real & distinct, real & equal, or imaginary.
9. Write a program to check whether a given year is a leap year or not.
10. Write a program to find the greatest among three given numbers. Print the number once even if the greatest appears two or three times.