

## OBJECT ORIENTED PROGRAMMING

### EXERCISE 1

1. Write and execute HelloWorld program in Java.
2. Write a program in Java to print the Nth Fibonacci number.
3. Write a program in Java to detect and print prime numbers less than N.
4. Write a program in Java to detect and print perfect numbers less than N.
5. Write a program in Java to print the sum of all digits of a 5-digit number.
6. Write a program in Java to print the sum of all even digits and odd digits of a 5-digit number.
7. Write a program in Java to compute the GCD of two numbers.
8. Write a program in Java to simulate the throwing of a dice using random numbers.