

Lab 01 – Simple JAVA Programs

1. Write a method **largest** to find the maximum of three numbers. Also write a main program to read 3 numbers and find the largest among them using this method.
2. Compute all the roots of a quadratic equation using the **switch case** statement.
3. Write a method **fact** to find the factorial of a given number. Compute ${}^N C_R$.
4. Write a method **prime** to check whether the given number is prime or not. Using this method, generate the first N prime numbers in the main method.
5. Write a method **isArmstrong** to check if an entered number is an Armstrong number or not.
6. Write a method **findSum** to find the sum of digits of a number.