

Week 1 Task	Title: Introduction to Programming, Algorithm and Flowchart
Name and Student ID	

Tutorial Task(s)

1. Construct an algorithm for interchanging the numeric values of two variables.
2. Write an algorithm that compares two numbers and print either the message identifying the greater number or the message stating that both numbers are equal.
3. Design an algorithm to check whether a year given by the user is a leap year or not.
4. Draw a flowchart to find the sum of first 50 natural numbers.
5. The XYZ construction company plans to give a 5% year-end bonus to each of its employees earning RS 5,000 or more per year, and a fixed bonus o RS 250 to all other employees. Draw a flowchart and write the step-form algorithm for printing the bonus of any employee.