



## **DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING**

### **Tutorial Questions**

Course	: B.Tech	Course Code	: CST 444
Course Name	: Web Programming	Year & Semester	: 4 <sup>th</sup> Year, 7

**Academic Year: 2023-2024**

**Tutorial No : 5**

**Module No: 1**

**Topic: control statements**

1. Write JavaScript program to find factorial of a number, use prompt dialog box to get the input from user.
2. A palindrome is a number or a text phrase that reads the same backward and forward. For example, each of the following five-digit integers is a palindrome: 12321, 55555, 45554 and 11611. Write a script that reads in a five-digit integer and determines whether it's a palindrome. If the number is not five digits long, display an alert dialog indicating the problem to the user. Allow the user to enter a new value after dismissing the alert dialog.
3. Develop a script that will determine the gross pay for each of three employees. The company pays "straight time" for the first 40 hours worked by each employee and pays "time and a half" for all hours worked in excess of 40 hours. You're given a list of the employees of the company, the number of hours each employee worked last week and the hourly rate of each employee. Your script should input this information for each employee, determine the employee's gross pay and output HTML5 text that displays the employee's gross pay. Use prompt dialogs to input the data.