



Department of Information Technology

Class: TEIT Sem-V

Academic Year: 2020-21

Sub: Internet Programming

Assignment No. 01

1. Create a form using HTML to accept username and contact number from the user. Write JavaScript code to validate the form details as follows: (CO1)
 - i) Username must be 5 to 8 characters in length and have only alphanumeric characters (A-Z, a-z, 0-9) and must begin with a character.
 - ii) Contact number must be a number of 10 digits and should not have any comma, space or + sign in front of the number. This field should not accept any characters such as A-Z and a-z.
2. Create a HTML page that consists of four text fields and two buttons named "Calculate" and "Clear". Out of the four text fields, three are to accept the data i.e. Principal amount, Interest rate in % and loan term in years from the user. The fourth text field is used to display the result i.e. simple interest. When the user clicks on the "Calculate" button the simple interest must be displayed to the user and on clicking the "Clear" button the contents of the form must be cleared. Write a JavaScript code to retrieve the user entered values from the text fields and compute simple interest using the formula, $SI = (P \times R \times N) / 100$ and display the result. (CO1)

Date of Submission: 16/10/2020