FET PRACTICAL-4

**Exercise 1:**

**You are about to develop a cryptographic algorithm in which there is a need to get double the absolute difference between a given number and 13. Develop the logic in JavaScipt.**

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    <head>

        <title>

            cryptographic alogorithm

        </title>

        <script>

            let number=prompt("Enter any number:");

            let new\_number=Math.abs(number-13);

alert(`the absolute value is : ${new\_number}`)

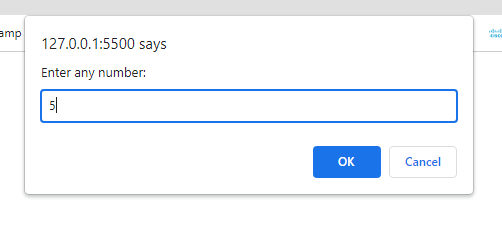
let final\_number=new\_number\*2;

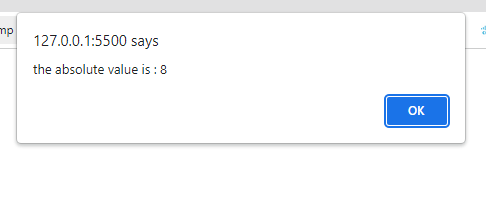
            alert( `the double of the absolute number is: ${final\_number}`)

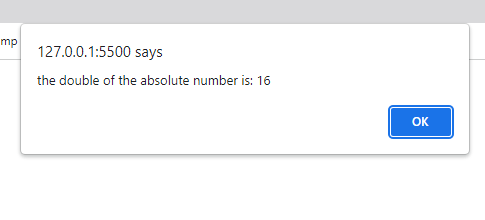
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**Exercise 2:**

**A small guessing game is to be developed which takes a random integer between 1 to 5, the**

**user is then prompted to input a guess number.**

**If the user input matches with guess number, the program will display a message “Good Work” otherwise display a message “Not matched”;**

<html>

    <head>

        <title>

            question 1

        </title>

        <script>

         number=Math.floor(Math.random() \* 6);

         /\*alert(`Number: ${number}`);\*/

         guess\_number=prompt("Enter any  number from 1 to 5:");

         if(guess\_number==number) {

            alert("Well Done!")

         }

         else{

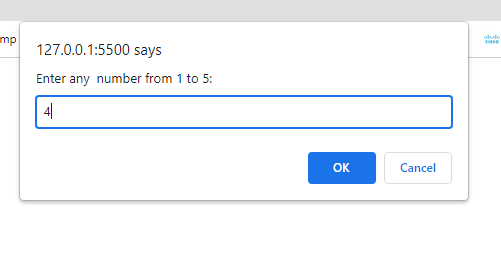
            alert("Sorry wrong guess \n Better luck next time")

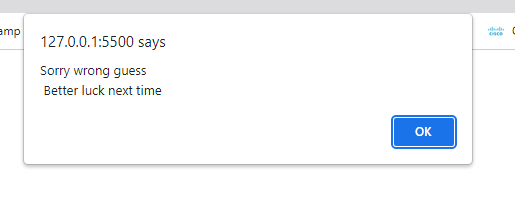
         }

        </script>

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**Github link for practicals:**

https://github.com/JoshiPrarthi/FET-PRACTICAL