

FET PRACTICAL-4

Exercise 1:

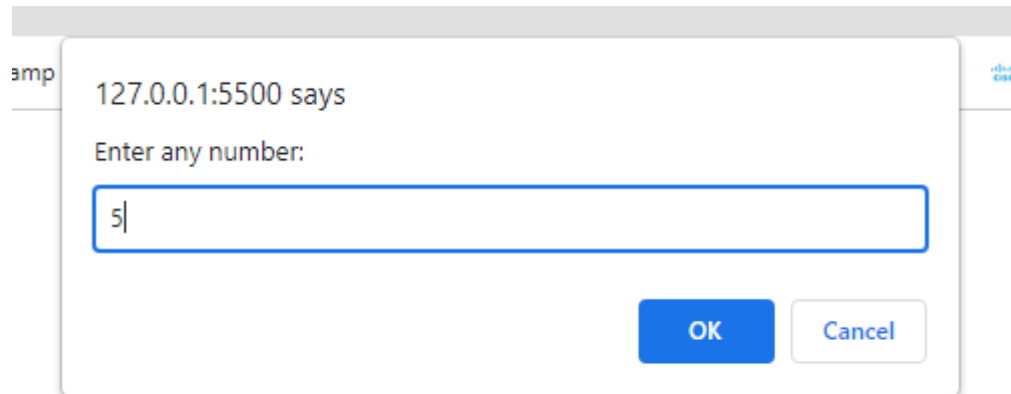
You are about to develop a cryptographic algorithm in which there is a need to get double the absolute difference between a given number and 13. Develop the logic in JavaScript.

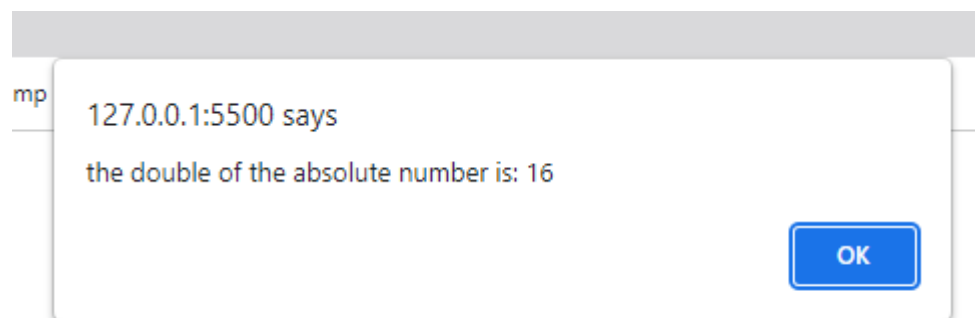
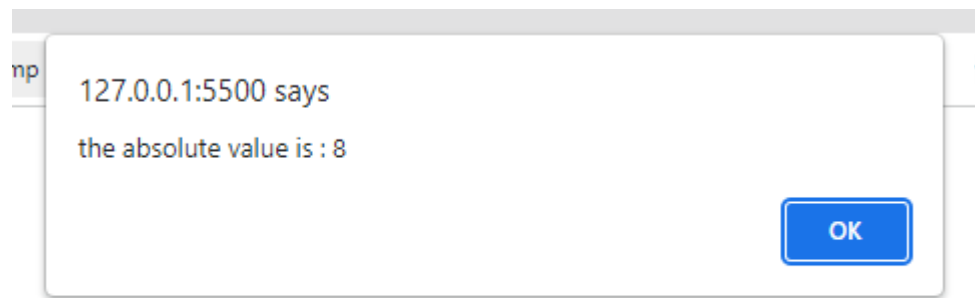
```
<html>
  <head>
    <title>
      cryptographic alogorithm
    </title>
    <script>
      let number=prompt("Enter any number:");
      let new_number=Math.abs(number-13);
      alert(`the absolute value is : ${new_number}`)

      let final_number=new_number*2;

      alert( `the double of the absolute number is: ${final_number}`)

    </script>
  </head>
</html>
```





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>
  </head>
</html>
```

```
</script>  
</head>  
</html>
```

mp

127.0.0.1:5500 says

Enter any number from 1 to 5:

OK Cancel

amp

127.0.0.1:5500 says

Sorry wrong guess
Better luck next time

OK

Github link for practicals:

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