**Practical No:1**

**Aim:** Write a simple javascript with HTML for arithmatic expression evaluation.

**Theory:**

**-methods for message printing:**

**….**

**…..**

**….**

**-Expression(operator):………**

**-Types of oprator in javascript:………….**

**Program:**

**…..**

**…..**

**……**

**Output:**

**Practical Related Questions:**

**Batch 1:**

**What is bitwise operator ?explain with example**

**Describe conditional operator?**

**Batch2:**

**Explain Assignment operator with example**

**What is expression?**

**Batch 3:**

**Explain the relational operators with example**

**What is use of getElementByid()?**

**Exercise:**

**Pgm1: WAP to print table of given no.**

**Pgm2:WAP to find a greater number between 3 nos**

**Pgm3:WAP to check given no is even or odd**

**Conclusion:**

**In this practical I have studied how to evaluate a expression by using different types of operators.**

**Practical No :2**

**Aim:…….**

**Theory:**

**………Decision Making stmts:**

**-def**

**-List**

**-explain one of them**

**Looping stmts:**

**-def**

**-list**

**-explain one of them**

**……**

**…..**

**…..**

**Program:**

**1.Decision making:**

**2.Looping stmt:**

**Output:**

**Practical related Q:**

**1.Compare while and do-while loop**

**2.Explain if-else stmt**

**Batch 2:**

**1.Explain for loop with syntax**

**2.Give syntax of switch case**

**Batch 3:**

**1.Explain nested if else with syntax**

**2.Diff bet for and for in loop**

**Exercise:**

**Pgm1:**

**WAP to print factorial of nos**

**Pgm2:**

**WAP to check whether given no is positive or negative**

**Pgm3:**

**WAP to print odd no between 1 to 30**

**Coclusion:**

**Here we have studid……..**

**Practical no:3**

**Aim: Implement array functionalities**

**Theory:**

**-Array:**

**-Declaration:**

**-Defining array elements:**

**-Different methods of array:**

**Program:**

**Output:**

**Pr.r.q:**

**1)compare search() and match() of string**

**2)how you can add elements to array**

**Batch2:**

**1)Explain use of length keyword with example**

**2) Explain purpose of substr() and substring()**

**Batch 3:**

**1) how to combine array elements into string?**

**2)How to sort elements in array?**

**Exercise:**

**1)WAP to display 5 elements of array in sorted order and reverse order**

**2)WAP to find highest and lowest number from array**

**3)WAP to extract the third and the fourth elements from the array(take any array of 6 elements)**

**Conclusion:**

**In this practical we have studid….**

**Practical NO:4**

**Aim: Develop javascript to implement functions**

**Theory:**

**-Function Definition and syntax**

**-defining function**

**Program:**

**Output:**

**Pr.r.Q:**

**Batch 1:**

**1)How to call a function with argument.Write example?**

**2)How to call a function from html?**

**Batch2:**

**1) Diff bet Global variable and local variable**

**2)what is use of onload and onunload attribute?  
Batch3:**

**1)how to add multiple arguments to function.**

**2)How to invoke function as a method?**

**Exercise:**

**Batch -1)** Write a JavaScript function that reverse a number.

**Batch-2)**  Write a JavaScript function that accepts a number as a parameter and check the number is prime or not

**Batch -3)** Write a JavaScript function that finds a square root of a number

**Conclusion:**

**In this practical we have studid….**

**Practical no:5**

**Aim:**

**Devlop javascript to implement strings**

**Theory:**

**String def,declaration,defination**

**Program:**

**..**

**Output:**

**…**

**Pr.r.Q:  
1)How to retrieve a character from given position?**

**2)write use of concat() with example**

**1)what is Purpose of split().Explain with exampleCa**

**2)How to retrieve position of character?**

**1)Write use Substring() with example**

**2)How to convert string to number?**

**Exercise:**

1. Write a JavaScript function that accepts a string as a parameter and counts the number of vowels within the string
2. Write a JavaScript function that returns a passed string with letters in alphabetical order.
3. WAP that demonstrate string replace() method

**Conclusion:**

**In this practical we have studid….**