1. var enteredAlphabet = 'd' or "D"

Write a program to check vowel, consonant or non-alphabet using switch case. Change value of enteredAlphabet and check if your code works fine.

1. Write a JavaScript program to create menu driven calculator that performs basic arithmetic operations (add, subtract, multiply and divide) using switch case. The calculator should input two numbers and an operator: +, -, \*, / from the user. It should perform operation according to the operator entered and must take input in given format.
2. Write a JavaScript program to input sides of a triangle and check whether a triangle is equilateral, scalene or isosceles triangle using if else.

Properties of triangle:

A triangle is said Equilateral Triangle, if all its sides are equal. If a, b, c are three sides of triangle. Then, the triangle is equilateral only if a == b == c.

A triangle is said Isosceles Triangle, if its two sides are equal. If a, b, c are three sides of triangle. Then, the triangle is isosceles if either a == b or a == c or b == c.

A triangle is said Scalene Triangle, if none of its sides are equal.

1. Write a JavaScript program to input electricity unit charge and calculate the total electricity bill according to the given condition:

For first 50 units Rs. 0.50/unit

For next 100 units Rs. 0.75/unit

For next 100 units Rs. 1.20/unit

For unit above 250 Rs. 1.50/unit. An additional surcharge of 20% is added to the bill.

For example, input: 20 units then bill is Rs10

Total Units: 300

50 \* 0.5 = 25

100 \* 0.75 = 75

100 \* 1.2 = 120

50 \* 1.5 = 75

Total = 295 + 20% surcharge on 295

Result = INR 354

1. Create parametized method/function to multiply 3 numbers
2. Create parametized method to divide 2 numbers
3. Find the biggest of 3 numbers  (89, 78, 56)
4. Take user input: value is even or odd
5. Take user input: given number is multiple of 3 or not e.g.10900
6. Take user input: calculate simple interest ((p/r \* t) \* 100 )
7. Take user input: 0-6 display day week depending upon what user is entering (0-> sunday) : using switch
8. Use loops, conditional statements, take input from user
   * 1. Multiplication table (ask number from user)
     2. Sum of digits: e.g. (123: 1 + 2 + 3 = 6) or (1234 : 1 + 2 + 3 + 4 = 10) : hint - loops, divisor and modulus
     3. Pallindrome string (aca: aca(reverse) is a pallindrome, abc: cba is not a Pallindrome)
     4. display even numbers up to n number (ask user for number)
     5. Count of even and odd number from 1 to 999
     6. Count occurrence of a particular character in a string (hello: count of l is 2)
     7. Sum and average of array elements [1, 9, 8];
     8. Largest number in an array (do with loops)
9. From 1 to 100, print "foo" if multiple of 3, "bar" if multiple of 5, if multiple of both

display "hello" or else print the number

e.g.

1

2

foo

4

bar

foo

1. Using selectors: create a list in html: ask user any item from list display 'item' found.