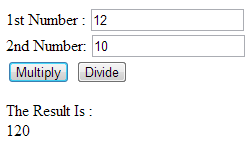
1. Write a JavaScript program to display the current day and time in the following format.   
   Sample Output : Today is : Friday.   
   Current time is : 4 PM : 50 : 22
2. Write a JavaScript program where the program takes a random integer between 1 to 10, the user is then prompted to input a guess number. If the user input matches with guess number, the program will display a message "Good Work" otherwise display a message "Not matched".
3. Write a JavaScript program to calculate multiplication and division of two numbers (input from user).   
   *Sample form* :



4.Write a JavaScript program to capitalize the first letter of each word of a given string.

5.Write a JavaScript program to swap the first and last elements of a given array of integers. The array length should be at least 1.

6. Try to completely solve each part in as little lines as possible using functions.

(Hint – use array functions like map, filter, reduce, sort, some, every, forEach etc ).

**const coders = [**

**{ name: 'John', age: 23, gender: 'm', admin: false },**

**{ name: ‘Jane’, age: 20, gender: 'f', admin: true },**

**{ name: ‘James’, age: 60, gender: 'm', admin: true },**

**{ name: ‘Jack’, age: 35, gender: 'm', admin: true },**

**{ name: ‘Jini’ , age: 30, gender: 'f', admin: false }**

**]**

Write the code to achieve below -

- Find all coders older than 24

- Find the total age of all coders

- List all female coders

- List all admin coders in ascending order

- Sort all coders by age

- Find the total age of male coders under 25

7.

/\* Write a program to build a `Pyramid of stars` of given height \*/

const buildPyramid = () => {

     // Write your code here

};

/\* For example,

INPUT - buildPyramid(6)

OUTPUT -

     \*

    \* \*

   \* \* \*

  \* \* \* \*

 \* \* \* \* \*

\* \* \* \* \* \*

\*/

8.

// Write a program to display one result card of 20 students

// with their name and percentage

// Out of 20 students, 10 has subjects - Grammer and Accounts

// and other 10 has subjects -  Grammer and Physics

9.

// Create a list of fruits with their properties (name, color, pricePerKg)

// for a given fruit name

// retrieval of its color and pricePerKg value