Question 1:

1. How to add element in array in the beginning of array and in the end

Const arr = [2,3];

Arr.push(4); //at the end

Arr.unshift(1); //at the start

2.

Var a=20;

Var b=10;

a=a+b;

b=a-b;

a=a-b;

3.

Var arr=[‘G’,’E’,’O’,’R’,’G’,’E’]

For (var I; i<str.length;i++){

Console.log(str.charAt(i));

}

Question 2:

1. String
2. 42,11,36,17
3. Hello world , 10
4. undefined, false,11
5. I is not defined
6. Ubdefined,object , 5,0,1,2,3,4 , apple
7. Undefined
8. Fiat, undefined, kia ,undefined ,volvo ,undefined ,Mercedes , undefined

Question 3:

1)

Const arr= [2,3];

arr.push(4);

arr.shift(1); // 1,2,3,4

arr.push(5,6)

arr.unshift(-1,0) // -1, 0 ,1, 2, 3, 4, 5, 6)

2)

3)

Const operator = prompt(‘enter operator ( + - \* /) ’);

Const num1= parseFloat(prompt(‘enter first number: ‘));

Const num2= parseFloat(prompt(‘enter second number: ‘));

Let result;

If (operator == ‘+’){

Result = num1+ num2

}

If (operator == ‘-’){

Result = num1-num2

}

If (operator == ‘\*’){

Result = num1\* num2

}

If (operator == ‘/’){

Result = num1/ num2

}

Console.log(‘${num1} ${operator} ${num2} = ${result};

4. get minimum value from a number array with index

Var arr=[5,2,6,7,8,4,1]

Var min=arr[0];

Var minindex=0;

For (var I = 1l i<arr.length;i++)

{

If (arr[i]<min)

{

Minindex=I;

Min = arr[i];

}

}

5. compute the factorial of 5

**let num = 5;**

**if (num === 0 || num === 1) {**

**return 1;**

**} else {**

**for (let i = num - 1; i >= 1; i--) {**

**num \*= i;**

**}**

**return num;**

**}**

**console.log(num);**

**6. write a function which can return multiple values from a function**

**Function getname(){**

**Let firstname=’george’;**

**Let lastname=’ayad’;**

**Return{firstname , lastname};**

**}**