DAY 5 (20-7-2020)

LETSUPGRADE – JAVASCRIPRT ESSTENTIALS

NAME: K.KAVYA

EMAIL [kavya.kguru@gmail.com](mailto:kavya.kguru@gmail.com)

Question 1: Write a program which does the following things:

1. Takes a positive number from the user.

2. Makes an array of numbers till the number given by user

3. Use higher order function to filter the odd numbers

4. Generate and array of the cubes of the filtered numbers

<!DOCTYPE html>

<html>

<head>

<title>Filter Tab usage programme</title>

</head>

<body>

<script>

let num=prompt("enter the number of ur choice");

let arr=[];

let n;

for(let i=1;i<n;i++)

{

arr.push(i);

if(i==num)

{

arr.push(num);

break;

}

console.log(arr[i]);

}

Question 2: Create a Class User with properties as name, age & email. He can login and logout

Create another class Moderator which has all the features of User, plus additional functionality to Add coins and remove coins.

Create one more class Admin which has all the features of Moderator plus additional features like add a Course and delete a particular course for a user.

class User{

  constructor(*name*,*age*,*email*){

    this.name = name;

    this.age=age;

    this.email=email;

  }

   login(){

     console.log('$(this.name) has logged in');

     return this;

   }

   logout(){

     console.log('$(this.name) has logged out');

     return this;

   }

   getdetails(){

     concole.log('Name is $(this.name'),’email is $(this.email}’);

return this;

   }

}

let user1 = new user ('kavya',22,'kavyaguru@gmail.com')

user1.login().addcoins().getdetails().logout();

class Moderator{

  constructor(*name*,*age*,*email*){

    this.name = name;

    this.age=age;

    this.email=email;

    this.lucoins =0;

  }

   login(){

     console.log('$(this.name) has logged in');

     return this;

   }

   logout(){

     console.log('$(this.name) has logged out');

     return this;

   }

   addcoins(){

     this.luCoins++;

     console.log('$(this.name) has ${this.lucoins} coins');

     return this;

   }

   getdetails(){

     concole.log('Name is $(this.name'),email is ${this.email}');

     return this;

   }

}

let Moderator1 = new Moderator ('kavya',22,'kavyaguru@gmail.com')

Moderator.login().addcoins().addcoins().getdetails().logout();