Tasks 0n 2-9-24:

Task-1:

```javascript
var memeberShip = prompt("enter the type of membership like basic membership or standard membership or premium membership :");
if( memeberShip == 'basic membership'){
    console.log(" you are eligible to Access to only free books");
}
else if(memeberShip == "standard membership"){
    console.log("you are eligible to Access to Access to free books and discounted paid books");
}
else if(memeberShip == 'premium membership'){
    console.log("you are eligible to Access to Access to all books, including exclusive content.")
}
else{
    console.log('please enter a valid membership mentioned above')
}
```

Task-2:

```javascript
JS index1.js > ...
1    var mem_status = prompt('enter your membrship status like regular customer or vip customer:');
2    var amount = Number(prompt("enter the amount here:"));
3    var discountedAmount;
4    if((mem_status !="regular customer" && mem_status != 'vip customer')){
5        console.log("please enter a valid membrship status , mentioned above")
6    }
7    else if(amount < 0){
8        console.log("please enter a valid amount or enter positive values")
9    }
10   else{
11       if(mem_status == 'regular customer'){
12           if(amount < 100){
13               discountedAmount = amount - amount*0;
14           }
15           else if(amount <= 500 && amount >=100 ){
16               discountedAmount = amount - amount*0.05;
17           }
18           else{
19               discountedAmount = amount -amount*0.1;
20           }
21       }
22       else{
23           if(amount < 100){
24               discountedAmount = amount - amount*0.1;
25           }
26           else if(amount <= 500 && amount >=100 ){
27               discountedAmount = amount - amount*0.15;
28           }
29           else{
30               discountedAmount = amount -amount*0.2;
31           }
32
33       }
34       console.log(discountedAmount)
35   }
36
```

```
JS index2.js > ...
1   var gpa = Number(prompt("enter your gpa here :"));
2   var activies = prompt('enter the extracurricular like ncc ,sports,cultural events and none :');
3   var activies1 = prompt('enter the extracurricular like ncc ,sports,cultural events and none :');
4   var Service = Number(prompt('enter commmunity hours :'))
5   if(gpa < 0){
6       console.log("please enter valid gpa or positive values");
7   }
8   else if(activies !='ncc' && activies!='sports' && activies!='cultural events' && activies!='none'){
9       console.log("please enter a valid extracurricular actives ");
10  }
11  else if(Service < 0){
12      console.log("enter a valid hours or positive number");
13  }
14  else{
15      if(gpa >=3.5){
16          console.log("you are eligible for merit based scholarship");
17      }
18      if(gpa >=3.0 && ((activies =='ncc' && activies1=='sports')||(activies =='ncc'&& activies1=='cultural events')||(activies=='sports'&&activies1=='
19          console.log("you are  eligible for Leadership Scholarship ");
20      }
21      if(gpa >=2.5 && Service >= 100){
22          console.log("you are eligible for Community Service Scholarship");
23      }
24  }
25
```

Task-4:

```
JS index3.js > ...
 1    var discount ;
 2    var day = prompt("enter the day like sunday , monday ,tuesday, wednesday,thursday,friday,staurday:");
 3    var age = Number(prompt("enter your age:"));
 4    if(day!='sunday' && day!='monday' && day!='tuesday'&& day!='wednesday'&& day!='thursday'&& day!='saturday'&&day!='friday' ){
 5        console.log("please enter a valid day , mentioned above");
 6    }
 7    else if(age < 0){
 8        console.log("please enter a valid age or positive vlaues");
 9    }
10    else{
11        if(day=='friday'||day=='monday'||day=='thursday'||day=='tuesday'||day=='wednesday'){
12            var price = 12;
13            if(age >=65 || age <=12){
14                price -= price*0.5;
15
16            }
17            else{
18                price;
19            }
20        }
21        else{
22        var price = 15;
23        if(age >=65 || age <=12){
24            price -= price*0.3;
25        }
26        else{
27            price;
28        }
29
30        }
31        console.log(price);
32    }
```

Task-5:

```js
JS index4.js > ...
1    var age = Number(prompt("enter the age:"));
2    var num_participants = Number(prompt("enter no. of participants registered:"));
3    email = prompt("enter your email address:");
4    if(age < 0){
5        console.log("enter a valid age or positive value");
6    }
7    else if(num_participants > 100){
8        console.log("event is full , no more registerations are taken.")
9    }
10   else{
11       if(age >=18){
12           console.log("registeration completed");
13       }
14       else{
15           console.log("you are not eligible to register( age above 18)")
16       }
17   }
```

Task-6:

```javascript
JS index5.js > ...
1    tea_type = prompt("enter the tea type here like regular tea , masala tea, ginger tea :");
2    add_on = prompt("enter add-on's like extra sugar, extra milk, no Add-ons: ");
3    if(tea_type !='regular tea' && tea_type != 'masala tea' && tea_type !='ginger tea'){
4        console.log("enter a valid tea type as mentioned above:");
5    }
6    else if(add_on !='extra sugar' && add_on !='extra milk'&& add_on !='no Add-ons'){
7        console.log("enter a valid Add-ons, mentioned above");
8    }
9    else{
10       if(tea_type =='regular tea'){
11           var cost = 15;
12           if(add_on =='extra sugar'){
13               cost += 2.5;
14           }
15           else if(add_on =='extra milk'){
16               cost += 5;
17           }
18           else{
19               cost += 0;
20           }
21       }
22       if(tea_type =='masala tea'){
23           var cost = 20;
24           if(add_on =='extra sugar'){
25               cost += 2.5;
26           }
27           else if(add_on =='extra milk'){
28               cost += 5;
29           }
30           else{
31               cost += 0;
32           }
33       }
34       if(tea_type =='ginger tea'){
35           var cost = 25;
36           if(add_on =='extra sugar'){
37               cost += 2.5;
```

```js
            cost += 2.5;
        }
        else if(add_on =='extra milk'){
            cost += 5;
        }
        else{
            cost += 0;
        }
    }
    if(tea_type =='ginger tea'){
        var cost = 25;
        if(add_on =='extra sugar'){
            cost += 2.5;
        }
        else if(add_on =='extra milk'){
            cost += 5;
        }
        else{
            cost += 0;
        }
    }
    console.log("total cost :",cost);

}
```