TASK-1 :

```javascript
var membership = "Basic Membership";
// var membership = "Standard Membership";
// var membership = "Premium Membership";
// var membership = "Better Membership";

if(membership=="Basic Membership"){
    console.log('Access to only free books.');
}
else if(membership=="Standard Membership"){
    console.log('Access to free books and discounted paid books.');
}
else if(membership=="Premium Membership"){
    console.log('Access to all books, including exclusive content.');
}
else{
    console.log('Invalid Membership');
}

Output:
PS E:\10K Coders\Daily Practice\JavaScript\Day 2> node membership;
Access to only free books.
```

TASK-2 :

```javascript
var membership;
var amount;
var discount;
// membership="abc";
membership="Regular Customers";
// membership="VIP Customers";
amount=50;
// amount=150;
// amount=550;



if(membership=="Regular Customers"){
```

```javascript
    if(amount<100&&amount>0){
        console.log("No discount for purchases under $100");
    }
    else if(amount>=100&&amount<=500){
        discount = amount-(amount*0.05);
        console.log("A 5% discount for purchases between $100 and
$500",discount);
    }
    else if(amount>500){
        discount = amount-(amount*0.1);
        console.log("A 10% discount for purchases over $500",discount);
    }
    else{
        console.log("Enter valid number");
    }

}
else if(membership=="VIP Customers"){
    if(amount<100&&amount>0){
        discount =amount-(amount*0.1);
        console.log("A 10% discount for purchases under $100",discount);
    }
    else if(amount>=100&&amount<=500){
        discount = amount-(amount*0.15)
        console.log("A 15% discount for purchases between $100 and
$500",discount);
    }
    else if(amount>500){
        discount =amount-(amount*0.20)
        console.log("A 20% discount for purchases over $500",discount);
    }
    else{
        console.log("Enter valid number");
    }
}
else{
    console.log("Invalid Membership");
}

Output:
PS E:\10K Coders\Daily Practice\JavaScript\Day 2> node ecommerce.js
No discount for purchases under $100
```

TASK-3 :

```javascript
var GPA;
var service;
var extracurricular;
GPA=2.5;
extracurricular=3;
service=120;

if(GPA>=3.5){
    console.log("Eligible for Merit-Based Scholarship");
}
else if((GPA>=3.0&&GPA<3.5)&&extracurricular>=2){
    console.log("Eligible for Leadership Scholarship");
}
else if((GPA>=2.5&&GPA<3.0)&&service>=100){
    console.log("Eligible for Community Service Scholarship");
}
else{
    console.log("Not eligible");
}

Output:
PS E:\10K Coders\Daily Practice\JavaScript\Day 2> node scholarship.js
Eligible for Community Service Scholarship
```

TASK-4 :

```javascript
var day;
var age;
var discount;

// day="ab";
day="weekdays";
// day="weekends";
age=10;

if(day=="weekdays"){
    if(age>=65){
```

```javascript
        discount=12-(12*0.5);
        console.log("The price is",discount);
    }
    else if(age>=12&&age<65){
        console.log("The price is 12");
    }
    else if(age<12){
        discount=12-(12*0.5);
        console.log("The price is",discount);
    }
    else{
        console.log("Invalid age");
    }
}
else if(day=="weekends"){
    if(age>=65){
        discount=15-(15*0.3);
        console.log("The price is",discount);
    }
    else if(age>=12&&age<65){
        console.log("The price is 15");
    }
    else if(age<12){
        discount=12-(15*0.3);
        console.log("The price is",discount);
    }
    else{
        console.log("Invalid age");
    }
}
else{
    console.log("Invalid data");
}

Output:
PS E:\10K Coders\Daily Practice\JavaScript\Day 2> node movie.js
The price is 6
```

TASK-5:

```javascript
var age;
var participants;
var email;
```

```
age=18;
participants=100;
email="abc@gmail.com";

if(age>=18){
    if(participants<=100){
        if(email=="abc@gmail.com"){
            console.log("Registration Successful");
        }
        else{
            console.log("Enter valid email id");
        }
    }
    else{
        console.log("No more registrations are accepted.")
    }
}
else if(age<18){
    console.log("Not eligible for register");
}

Output:
PS E:\10K Coders\Daily Practice\JavaScript\Day 2> node event.js
Registration Successful
```

TASK-6 :

```
var tea;
var addons;
var cost;
tea="Regular Tea";
// tea="Masala Tea";
// tea="Ginger Tea";
addons="Extra Sugar";
// addons="Extra Milk";
// tea="abc";

if(tea=="Regular Tea"){
    if(addons=="Extra Sugar"){
        a=15;
        b=2.50;
        console.log("Base Price for Regular Tea:",a);
```

```javascript
        console.log("Add-On Cost for Extra Sugar:",b);
        cost=15+2.50;
        console.log("Total Price",cost);
    }
    else if(addons=="Extra Milk"){
        a=15;
        b=5;
        console.log("Base Price for Regular Tea:",a);
        console.log("Add-On Cost for Extra Milk:",b);
        cost=15+5;
        console.log("Total Price",cost);
    }
    else{
        a=15;
        console.log("The cost of Regular tea is",a);
    }
}
else if(tea=="Masala Tea"){
    if(addons=="Extra Sugar"){
        a=20;
        b=2.50;
        console.log("Base Price for Masala Tea:",a);
        console.log("Add-On Cost for Extra Sugar:",b);
        cost=20+2.50;
        console.log("Total Price",cost);
    }
    else if(addons=="Extra Milk"){
        a=20;
        b=5;
        console.log("Base Price for Masala Tea:",a);
        console.log("Add-On Cost for Extra Milk:",b);
        cost=20+5;
        console.log("Total Price",cost);
    }
    else{
        a=20;
        console.log("The cost of Masala tea is",a);
    }
}
else if(tea=="Ginger Tea"){
    if(addons=="Extra Sugar"){
        a=25;
        b=2.50;
        console.log("Base Price for Ginger Tea:",a);
        console.log("Add-On Cost for Extra Sugar:",b);
```

```javascript
        cost=25+2.50;
        console.log("Total Price",cost);
    }
    else if(addons=="Extra Milk"){
        a=25;
        b=5;
        console.log("Base Price for Ginger Tea:",a);
        console.log("Add-On Cost for Extra Milk:",b);
        cost=25+5;
        console.log("Total Price",cost);
    }
    else{
        a=25;
        console.log("The cost of Ginger tea is",a);
    }
}
else{
    console.log("Enter valid data");
}
```

```
Output:
PS E:\10K Coders\Daily Practice\JavaScript\Day 2> node tea.js
Base Price for Regular Tea: 15
Add-On Cost for Extra Sugar: 2.5
Total Price 17.5
```