

Practice session1

11 January 2025 09:43

```
1)//let num =prompt("Enter the number?")
//switch(true){
//case num>0:
//console.log("number is positive")
//break;
//case num<0:
//console.log("number is negative")
//break;
//default:
//console.log("number is zero")

//}
```

```
2)
let a=prompt("Enter the day?")
switch(a){
case "monday":
case "tuesday":
case "wednesday":
case "thursday":
case "friday":
document.write("weekdays")
break;
case "saturday":
case "sunday":
document.write("weekends")
break;
default:
document.write("invalid day")
}
```

```
3) // let units = parseInt(prompt("Enter the number of units used"));
//let bill = 0;

//if (units <= 50) {
// bill = units * 2;
//} else if (units <= 150) {
// bill = 50 * 2 + (units - 50) * 3;
//} else if (units <= 250) {
// bill = (50 * 2) + 100 * 3 + (units - 150) * 5;
//} else {
// bill = (50 * 2) + (100 * 3) + (100 * 5) + (units - 250) * 8;
//}
```

```
//bill = bill + (bill * 20) / 100;  
//document.write("The total electricity bill is: " + bill);
```

```
4) let a = parseInt(prompt("Enter the number"));  
if(a==1 || a==2 ){  
    document.write("IT is a prime number")  
}else{  
    for(let i=2;i<a;i++){  
        if(a%i!=0){  
            document.write("The number is a prime number");  
            break;  
        }else{  
            document.write("the number is not a prime number");  
            break;  
        }  
    }  
}
```