1. Program to write the first 10 numbers.

```
> for (var i=1;i<=10;i++){
      console.log(i)
  }
  1
  2
  3
  4
  5
  6
  7
  8
  9
  10
```

2. Program to calculate the sum of first 10 numbers

```
> var sum=0; for(var i=1;i<=10;i++){
      sum=sum+i
  }
  console.log(sum);
```

    55

3. Make the loop stop when i is 5.

for (i = 0; i < 10; i++) {
console.log(i);
if (i == 5) {

----------;
}
}

```
▸ for (var i=0;i<10;i++){
      console.log(i);
      if (i==5){
          break
      }
  }
  0
  1
  2
  3
  4
  5
```

4. Write a program to print day of week name using switch case.

```
var n=4//can take value between 1 to 7
switch (n){
    case 1: console.log("sunday"); break;
    case 2: console.log("monday"); break;
    case 3: console.log("tuesday"); break;
    case 4: console.log("wednesday"); break;
    case 5: console.log("thursday"); break;
    case 6: console.log("friday"); break;
    case 7: console.log("saturday"); break;
    default:console.log ("please enter valid range 1 to 7")
}
```

    wednesday

5. Write a program print total number of days in a month using switch case.

```
var n=4 // can take any value from 1 to 12 switch
switch (n){
    case 1: console.log("january"); break;
    case 2: console.log("february"); break;
    case 3: console.log("march"); break;
    case 4: console.log("april"); break;
    case 5: console.log("may"); break;
    case 6: console.log("june"); break;
    case 7: console.log("july"); break;
    case 8: console.log("august"); break;
    case 9: console.log("september"); break;
    case 10: console.log("october"); break;
    case 11: console.log("november"); break;
    case 12: console.log("december"); break;
    default : console.log ("please enter valid number between 1to 12") }
```

    april