

ASSIGNMENT NO.3

✚ Program to write the first 10 numbers.

> for (let i = 0; i <= 10; i++) { console.log(i); }		
0		VM120:2
1		VM120:2
2		VM120:2
3		VM120:2
4		VM120:2
5		VM120:2
6		VM120:2
7		VM120:2
8		VM120:2
9		VM120:2
10		VM120:2
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✚ Program to calculate the sum of first 10 numbers.

> let sum=0; for (let i = 0; i <= 10; i++) { sum += i; } console.log(sum);		
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✚ Make the loop stop when 'i' is 5.

```
> for (let i = 0; i <= 10; i++) {  
  console.log(i);  
  if (i==5) {  
    break;  
  }  
}
```

}

0

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1

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2

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

```
> let day = 3;  
let dayName;  
  
switch (day) {  
  case 1:  
    dayName = 'Sunday';  
    break;  
  case 2:  
    dayName = 'Monday';  
    break;  
  case 3:  
    dayName = 'Tuesday';  
    break;  
  case 4:  
    dayName = 'Wednesday';  
    break;  
  case 5:  
    dayName = 'Thursday';  
    break;  
  case 6:  
    dayName = 'Friday';  
    break;  
  case 7:  
    dayName = 'Saturday';  
    break;  
  default:  
    dayName = 'Invalid day';  
}
```

console.log(dayName);

Tuesday

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

```
>
let year = 2022;
let month = 2;
let dayCount;

switch (month) {
  case 1:
  case 3:
  case 5:
  case 7:
  case 8:
  case 10:
  case 12:
    dayCount = 31;
    break;
  case 4:
  case 6:
  case 9:
  case 11:
    dayCount = 30;
    break;
  case 2:
    // leap year
    if ((year % 4 == 0 && !(year % 100 == 0)) || year % 400 == 0) {
      dayCount = 29;
    } else {
      dayCount = 28;
    }
    break;
}

console.log(dayCount);
```

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