

### ASSIGNMENT NO.3

1) Program to write the first 10 numbers.

ANS: -

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

2) Program to calculate the sum of first 10 numbers

Ans: -

```
int total = 0, sum = 0, Number = 2, n = 10;  
  
while (total! =n){  
total++;  
sum += Number;  
Number += 2;  
}  
System.out.println("Sum Of First 10 Number: " + sum);  
}
```

3) Make the loop stop when i is 5.

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

Ans;- -----;  
}  
}

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

Ans :- printf("Enter week number(1-7): ");

```
scanf("%d", &week);  
switch(week)  
{  
case 1:  
printf("Monday");  
break;  
case 2:  
printf("Tuesday");  
break;  
case 3:  
printf("Wednesday");  
break;  
case 4:  
printf("Thursday");  
break;  
case 5:
```

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```
        printf("Friday");
        break;
    case 6:
        printf("Saturday");
        break;
    case 7:
        printf("Sunday");
        break;
    default:
        printf("Invalid input! Please enter week number between 1-7.");
}

return 0;
}
```

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

Ans

```
printf("Enter month number(1-12): ");
scanf("%d", &month);
```

```
switch(month)
{
    case 1:
        printf("31 days");
        break;
    case 2:
        printf("28/29 days");
        break;
    case 3:
        printf("31 days");
        break;
    case 4:
        printf("30 days");
        break;
    case 5:
        printf("31 days");
        break;
    case 6:
        printf("30 days");
        break;
    case 7:
        printf("31 days");
        break;
    case 8:
        printf("31 days");
        break;
    case 9:
        printf("30 days");
        break;
    case 10:
        printf("31 days");
        break;
```

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```
        case 11:
            printf("30 days");
            break;
        case 12:
            printf("31 days");
            break;
        default:
            printf("Invalid input! Please enter month number between 1-12");

    }

    return 0;
}
```