Problem statement:

1. With your knowledge gained on JS Operators prepare a code that gives the following output.

> **Arithmetic Operator**
> **Number of weeks in a year**
> 54 Weeks and 1 Day is there in a year

2. With your knowledge gained on JS Operators prepare a code that gives the following output.

> **String Concatenation Operator**
> Hello Students Good Morning

Solution:

Html Code:

```html
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta http-equiv="X-UA-Compatible" content="IE=edge">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Javascript Operators and assignments</title>
</head>
<body>
    <!-- First task -->
    <h1>Arithmetic Operator</h1>
    <h2>Number of weeks in a year</h2>
    <script src="operators.js" type="text/Javascript"></script>
    <hr>
    <!-- Second task -->
    <p id="head">String Concatenation Operator</p>
    <script src="operators2.js" type="text/Javascript"></script>
    <hr>
</body>
</html>
```

JS Code:

```javascript
//script for first task - Arithematic operator
var year_days = 365;
var week_days = 7;
var weeks_cal = 365 / 7;
var weeks = Math.floor(weeks_cal); //to print the interger value of floating number
var days_remain = 365 % 7;
document.write(weeks + " " + "Weeks and" + " " + days_remain + " " + "Remaining day in a normal year");
```

```javascript
//script for second task - string concatenation
var first_string = "Hello";
var second_string = "Students !";
```

```
var third_string = "Good Morning";
var string_result = first_string +" "+ second_string + " " + third_string;
document.write(string_result);
document.getElementById("head").style.fontWeight="bold";
document.body.style.fontFamily="verdana";
```

Arithmetic Operator

Number of weeks in a year

52 Weeks and 1 Remaining day in a normal year

String Concatenation Operator

Hello Students ! Good Morning