

## **Web Programming Lab**

### **Assignment – 5**

#### **Question 1: Date Handling - calendar for the month and year by combo box**

**Aim:** To understand the date in java Script.

- a) Write a JavaScript program to display the current day and time in the following format.

*Sample Output :*

*Today is : Friday.*

*Current time is : 4 PM : 50 : 22*

- b) Write a JavaScript program to get the current date.

*Expected Output :*

*mm-dd-yyyy,*

*mm/dd/yyyy or dd-mm-yyyy,*

*dd/mm/yyyy*

- c) Write a JavaScript function to get difference between two dates in days.

*Test Data :*

```
console.log(date_diff_indays('04/02/2014', '11/04/2014'));
```

```
console.log(date_diff_indays('12/02/2014', '11/04/2014'));
```

*Output :*

*216*

*-28*

- d) **16.** Write a JavaScript function to count the number of days passed since beginning of the year. Go to the editor

*Test Data :*

*15*

*348*

```
console.log(days_passed(new Date(2015, 0, 15)));
```

```
console.log(days_passed(new Date(2015, 11, 14)));
```

- e) Write a JavaScript program to find 1st January is being a Sunday between year1 and year2.

- f) Write a JavaScript program to calculate days left until next Christmas.

- g) Write a JavaScript program to calculate days remains in your birthday.

#### **Question 2: Window object method setInterval, clearInterval**

**Aim:** To create an html page with three button START PAUSE and RESET for controlling stopwatch

**Problem Statement:**

Create a html file named as “stopwatch.html”

1. Add number div display HH MM SS.
2. When the button is clicked START start watch.
3. When the button is clicked PAUSE stop watch.
4. When the button is clicked RESET reset div values 00:00:00.

