***FLOWCHART***

To calculate hour difference between two dates

start with html code with basic components such as (body head)

Is the output displays correctly?

To calculate second difference between two dates

Is the output displays correctly?

To calculate minute difference between two dates

Is the output displays correctly?

Is the output displays correctly?

Display the result on the monitor

var sec = date2.getTime() - date1.getTime()

To calculate time difference between two dates

Define the variables

implement JavaScript with <script></script>

Create boxes for each components (input 1 , input 2, hours, minutes, seconds, time).

Var hours = (sec / hour); sec -= hours \* hour;

NO

YES

Var minutes = (sec / minute); sec -= minutes \* minute;

var second = 1000, minute = 60 \* second, hour = 60 \* minute, day = 24 \* hour;

NO

NO

NO

YES

YES

Var seconds = (sec / second)+day+hour+minute+second;

NO

NO

NO

NO

If the user inputs date 1 bigger than date 2?

Is the output displays correctly?

YES

YES

YES

YES

Then , alert("The second date occurred earlier than the first one!");

Then , alert (input is incorrect);

If the user inputs an alphabet or symbols or signs that is not valid?

Var days = (sec / day); sec -= days \* day;

To calculate days difference between two dates