```
package com.example.covid_19alertapp.extras;


import java.text.DateFormat;

import java.text.ParseException;

import java.text.SimpleDateFormat;

import java.util.Calendar;

import java.util.Date;

import java.util.concurrent.TimeUnit;


public class DateTimeHandler {


   public static String DateToday()

   {

      Calendar cal = Calendar.getInstance();

      SimpleDateFormat monthFormat = new SimpleDateFormat("MMM");

      SimpleDateFormat dateFormat = new SimpleDateFormat("dd");

      String today_date = dateFormat.format(cal.getTime()) + " " + monthFormat.format(cal.getTime());

      return today_date;

   }


   public static String TimeNow()

   {

      Calendar cal = Calendar.getInstance();

      DateFormat timeFormat = new SimpleDateFormat("hh:mm a");

      String time = timeFormat.format(cal.getTime());
```

```
    return  time;
}

public static long dayInterval(String firstDate)
{
    firstDate = firstDate.replace(' ','/');
    String secondDate = DateToday().replace(' ','/');
    SimpleDateFormat sdf = new SimpleDateFormat("dd/MMM");
    Date first = new Date();
    Date second = new Date();



    try {
        first = sdf.parse(firstDate);
        second = sdf.parse(secondDate);
    } catch (ParseException e) {
        e.printStackTrace();
    }


    long diffMillies = Math.abs(second.getTime()-first.getTime());
    long diffDay = TimeUnit.DAYS.convert(diffMillies,TimeUnit.MILLISECONDS);


    return  diffDay;
}
```

}