

E.B.SUWATHI[15L247]

ECE – B

JAVA MINI PROJECT

//3-D ARRAY FOR VISITORS CHECKING FOR THE YEAR

SOURCE CODE:

```
import java.io.BufferedReader;
import java.io.InputStreamReader;
import java.io.IOException;
import java.io.FileReader;
import java.io.FileNotFoundException;

class Visit{
    public static void main(String[] args) throws
IOException,FileNotFoundException{
        BufferedReader br=new BufferedReader(new FileReader("visitor.txt"));
        BufferedReader ir=new BufferedReader(new InputStreamReader(System.in));
        int visitors[][][];
        int i,j,k,l,m;;
        visitors=new int[12][][];
        int days[]={31,29,31,30,31,30,31,31,30,31,30,31};
        int sum=0,count,press;
        int month,day,hour,day1,month1,hr,hr1,date,date1;
        float avgVisitor;
        int
dayBoundary1,dayBoundary2,monthBoundary1,monthBoundary2,hourBoundary1,hourBoundar
y2;
        int totMonthSum=0,monthDayBoundary=0;
        int
monthBoundaryDiff=0,sumBoundaryDiff=0,dayBoundaryDiff=0,hourBoundaryDiff=0,totBou
ndary=0;
        int secondBoundary=0,n;
        int totBoundSum=0,monthBoundSum=0,avgMonthBoundSum;
        for( i=0;i<days.length;i++){
            visitors[i]=new int[days[i]][24];
        }
        for(i=0;i<visitors.length;i++){
            for( j=0;j<visitors[i].length;j++){
                for( k=0;k<visitors[i][j].length;k++){
```

```

        visitors[i][j][k]=Integer.valueOf(br.readLine());
    }
}
do {
    System.out.println(" 1-->particular month          2-->particular DAY
3-->particular HOUR          4-->MONTH BOUNDARY \n 5-->MONTH & DAY BOUNDARY    6--
>MONTH & DAY & HOUR    BOUNDARY          7-->MULTIPLE MONTH BOUNDARY    \n 8-
->SINGLE MONTH & MULTIPLE DAY BOUNDARY    \n 9-->MULTIPLE MONTH & HOUR & DAY
BOUNDARY    10-->ALL MULTIPLE MONTH & HOUR & DAY BOUNDARY    ");

    System.out.println("\n enter the option to check");
    int option=Integer.valueOf(ir.readLine());
    switch(option) {
        case 1:
            System.out.println("\n***** PARTICULAR MONTH
*****\n");
            System.out.println("enter the month to check the number of visitor:
");

            month=Integer.valueOf(ir.readLine());
            for( j=0;j<visitors[month].length;j++) {
                for( k=0;k<visitors[month][j].length;k++){

                    sum=sum+visitors[month][j][k];

                }
            }
            avgVisitor=sum / days[month];
            System.out.println(" sum of visitors in particular month--->" +sum);
            System.out.println("\n");
            System.out.println("average of visitors in particular month---
>" +Math.round(avgVisitor));
            break;

        case 2:
            System.out.println("\n ***** PARTICULAR DAY *****\n
");

            System.out.println("enter the day to check the number of visitor: ");
            day=Integer.valueOf(ir.readLine());
            for( i=0;i<visitors.length;i++){
                for( k=0;k<visitors[i][day].length;k++){
                    sum=sum+visitors[i][day][k];

                }
            }
            avgVisitor=sum / 12;
            System.out.println(" sum of visitors in particular day--->" +sum);

```

```

        System.out.println("\n");
        System.out.println("average of visitors in particular day---
>" + Math.round(avgVisitor));
        break;

    case 3:
        sum = 0;
        System.out.println("\n***** PARTICULAR HOUR *****\n");
        System.out.println("enter the hour to check the number of visitor:
");

        hour = Integer.valueOf(ir.readLine());
        for (i = 0; i < visitors.length; i++) {
            for (j = 0; j < visitors[i].length; j++) {
                sum = sum + visitors[i][j][hour];
            }
        }
        avgVisitor = sum / 24;
        System.out.println(" sum of visitors in particular month--->" + sum);
        System.out.println("\n");
        System.out.println("average of visitors in particular month---
>" + Math.round(avgVisitor));

    case 4:
        System.out.println("\n***** MONTH BOUNDARY *****\n");
        System.out.println("\n enter the month1 to check the number of
visitor : ");
        monthBoundary1 = Integer.valueOf(ir.readLine());
        System.out.println("\n enter the month2 to check the number of visitor
: ");

        monthBoundary2 = Integer.valueOf(ir.readLine());
        sum = 0;
        count = 0;
        for (i = monthBoundary1; i <= monthBoundary2; i++) {
            for (j = 0; j < visitors[i].length; j++) {
                for (k = 0; k < visitors[i][j].length; k++) {
                    sum = sum + visitors[i][j][k];
                }
            }
        }
        totMonthSum = 0;
        for (i = monthBoundary1; i <= monthBoundary2; i++) {
            totMonthSum = days[i] + totMonthSum;
            count++;
        }

```

```

        avgVisitor=sum / (totMonthSum/count);
        System.out.println("\nsum of visitors in particular month :"+sum);
        System.out.println("\n");
        System.out.println("\naverage of visitors in particular month
:"+Math.round(avgVisitor));
        break;
    case 5:

        System.out.println("\n***** MONTH & DAY BOUNDARY
*****\n");
        System.out.println("\n enter the month1 to check the number of
visitor : ");
        monthBoundary1=Integer.valueOf(ir.readLine());
        System.out.println("\nenter the month2 to check the number of visitor
: ");
        monthBoundary2=Integer.valueOf(ir.readLine());
        System.out.println("\n enter the day1 to check the number of visitor
: ");
        dayBoundary1=Integer.valueOf(ir.readLine());
        System.out.println("\nenter the day2 to check the number of visitor
: ");
        dayBoundary2=Integer.valueOf(ir.readLine());
        totMonthSum=0;monthDayBoundary=0;
        for( i=monthBoundary1;i<=monthBoundary2;i++){

            for( j=dayBoundary1;j<=dayBoundary2;j++){

                for( k=0;k<visitors[i][j].length;k++){

                    sum=sum+visitors[i][j][k];

                }

            }

        }
        monthBoundaryDiff=0;
        sumBoundaryDiff=0;
        dayBoundaryDiff=0;
        monthBoundaryDiff+= monthBoundary2-monthBoundary1 + 1;
        dayBoundaryDiff+= dayBoundary2-dayBoundary1 + 1;
        int tot = (monthBoundaryDiff + dayBoundaryDiff )*24;
        avgVisitor=sum / tot ;
        System.out.println("\nsum of visitors in particular month
:"+sum);
        System.out.println("\naverage of visitors in particular month
:"+Math.round(avgVisitor));
        break;

```

```

        case 6:
            System.out.println("\n***** MONTH & DAY & HOUR BOUNDARY
*****\n");
            System.out.println("\n enter the month1 to check the number of
visitor : ");
            monthBoundary1=Integer.valueOf(ir.readLine());
            System.out.println("\n enter the month2 to check the number of visitor
: ");
            monthBoundary2=Integer.valueOf(ir.readLine());
            System.out.println("\n enter the day1 to check the number of visitor
: ");
            dayBoundary1=Integer.valueOf(ir.readLine());
            System.out.println("\n enter the day2 to check the number of visitor
: ");
            dayBoundary2=Integer.valueOf(ir.readLine());
            System.out.println("\n enter the hour1 to check the number of visitor
: ");
            hourBoundary1=Integer.valueOf(ir.readLine());
            System.out.println("\n enter the hour2 to check the number of visitor
: ");

            hourBoundary2=Integer.valueOf(ir.readLine());

            totMonthSum=0;
            sum=0;count=0;
            for( i=monthBoundary1;i<=monthBoundary2;i++){

                for( j=dayBoundary1;j<=dayBoundary2;j++){

                    for( k=hourBoundary1;k<=hourBoundary2;k++){

                        sum=sum+visitors[i][j][k];

                    }

                }

            }
            System.out.println(sum);

monthBoundaryDiff=0;sumBoundaryDiff=0;dayBoundaryDiff=0;hourBoundaryDiff=0;totBou
ndary=0;

            monthBoundaryDiff+= monthBoundary2 - monthBoundary1 + 1;
            dayBoundaryDiff+= dayBoundary2 - dayBoundary1 + 1;
            hourBoundaryDiff+= hourBoundary2 - hourBoundary1 + 1;
            totBoundary= monthBoundaryDiff * ( dayBoundaryDiff *
hourBoundaryDiff);

```

```

        avgVisitor=sum / totBoundary ;
        System.out.println("\nsum of visitors in particular month      :"+sum);
        System.out.println("average of visitors in particular month
:"+Math.round(avgVisitor));
        break;

        case 7:
            System.out.println("\n ***** MULTIPLE MONTH BOUNDARY
*****");
            System.out.println("\n enter the number of months for visitor
checking :");
            n =Integer.valueOf(ir.readLine());
            System.out.println("\n***** multiple boundary for
month*****\n");
            secondBoundary=0;totMonthSum=0;
            count=0;
            for(l=0 ;l<n ;l++) {
                sum=0;
                System.out.println("\n enter the month1 to check the number of
visitor : ");
                monthBoundary1=Integer.valueOf(ir.readLine());
                System.out.println("\nenter the month2 to check the number of
visitor : ");
                monthBoundary2=Integer.valueOf(ir.readLine());
                for( i=monthBoundary1;i<=monthBoundary2;i++){
                    for( j=0;j<visitors[i].length;j++){
                        for( k=0;k<visitors[i][j].length;k++){
                            sum=sum+visitors[i][j][k];
                        }
                    }
                }
                secondBoundary+=sum;
                for(m=monthBoundary1;m<=monthBoundary2;m++){
                    totMonthSum=days[m]+totMonthSum;
                    count++;
                }
            }

            avgVisitor=secondBoundary / (totMonthSum/count);
            System.out.println("\nsum of visitors in particular month
:"+secondBoundary);
            System.out.println("\naverage of visitors in particular month
:"+Math.round(avgVisitor));
            break;
        case 8:

```

```

        System.out.println("\n***** SINGLE MONTH & MULTIPLE DAY
BOUNDARY *****");
        System.out.println("\n enter the month1 to check the number of
visitor : ");
        monthBoundary1=Integer.valueOf(ir.readLine());
        System.out.println("\nenter the month2 to check the number of visitor
: ");
        monthBoundary2=Integer.valueOf(ir.readLine());
        System.out.println("\n enter the multiple number of days for visitor
checking :");
        n =Integer.valueOf(ir.readLine());
        secondBoundary=0;totBoundSum=0;monthBoundSum=0;
        for(l=0 ;l<n ;l++) {
            System.out.println("\n***** day "+ (l+1) +" boundary
*****\n");
            int daySum=0;sum=0;
            System.out.println("\n enter the day1 to check the number of
visitor : ");
            dayBoundary1=Integer.valueOf(ir.readLine());
            System.out.println("\nenter the day2 to check the number of
visitor : ");
            dayBoundary2=Integer.valueOf(ir.readLine());
            for( i=monthBoundary1;i<=monthBoundary2;i++){
                for( j=dayBoundary1;j<=dayBoundary2;j++){
                    for( k=0;k<visitors[i][j].length;k++){
                        sum=sum+visitors[i][j][k];
                    }
                }
            }
            secondBoundary+=sum;
            totBoundSum+=dayBoundary2 - dayBoundary1 + 1;
        }
        monthBoundSum=monthBoundary2 - monthBoundary1 + 1;
        avgMonthBoundSum = ( totBoundSum + monthBoundSum ) * 24;
        avgVisitor=secondBoundary / avgMonthBoundSum;
        System.out.println("\nsum of visitors in particular month & n days
:"+secondBoundary);
        System.out.println("\naverage of visitors in particular month & n
days :"+Math.round(avgVisitor));
        break;

    case 9:
        System.out.println("\n***** MULTIPLE MONTH & HOUR & DAY
BOUNDARY *****\n");

```

```

        System.out.println("\n enter the month1 to check the number of
visitor : ");
        monthBoundary1=Integer.valueOf(ir.readLine());
        System.out.println("\nenter the month2 to check the number of visitor
: ");
        monthBoundary2=Integer.valueOf(ir.readLine());
        System.out.println("\n enter the day1 to check the number of visitor
: ");
        dayBoundary1=Integer.valueOf(ir.readLine());
        System.out.println("\nenter the day2 to check the number of visitor
: ");
        dayBoundary2=Integer.valueOf(ir.readLine());
        System.out.println("enter n number of hours to check");
        n=Integer.valueOf(ir.readLine());
        int h; secondBoundary=0;totBoundSum=0;
        monthBoundaryDiff=0;dayBoundaryDiff=0;totBoundary=0;
        for(h= 0; h < n ; h++) {
            System.out.println("\n*****
Hour"+(h+1)+"boundary*****");
            System.out.println("\n enter the hour1 to check the number of
visitor : ");
            hourBoundary1=Integer.valueOf(ir.readLine());
            System.out.println("\nenter the hour2 to check the number of
visitor : ");
            hourBoundary2=Integer.valueOf(ir.readLine());
            sum=0;
            for( i=monthBoundary1;i<=monthBoundary2;i++){
                for( j=dayBoundary1;j<=dayBoundary2;j++){
                    for( k=hourBoundary1;k<=hourBoundary2;k++){
                        sum=sum+visitors[i][j][k];
                    }
                }
            }

            secondBoundary+=sum;
            totBoundSum+=hourBoundary2 - hourBoundary1 + 1;
        }
        monthBoundaryDiff = monthBoundary2 - monthBoundary1 + 1;
        dayBoundaryDiff = dayBoundary2 - dayBoundary1 + 1;
        totBoundary= monthBoundaryDiff * ( dayBoundaryDiff * totBoundSum);
        avgVisitor=secondBoundary / totBoundary ;
        System.out.println("\nsum of visitors in particular month
:"+secondBoundary);
        System.out.println("\naverage of visitors in particular month
:"+Math.round(avgVisitor));

```



```

        break;
    case 10:
        System.out.println("\n***** ALL MULTIPLE MONTH & HOUR & DAY
BOUNDARY *****\n");
        System.out.println("ENTER n VALUE ");
        n=Integer.valueOf(ir.readLine());
        count=0;sum=0;
        l=0;
        float average=0;
        while( l < n) {
            System.out.println("ENTER THE STARTING MONTH TO FIND AVERAGE");
            month=Integer.valueOf(ir.readLine());
            System.out.println("ENTER THE ENDING MONTH TO FIND AVERAGE");
            month1=Integer.valueOf(ir.readLine());
            System.out.println("ENTER THE STARTING DATE TO FIND AVERAGE");
            date=Integer.valueOf(ir.readLine());
            System.out.println("ENTER THE ENDING DATE TO FIND AVERAGE");
            date1=Integer.valueOf(ir.readLine());
            System.out.println("ENTER THE STARTING HOUR TO FIND AVERAGE");
            hr=Integer.valueOf(ir.readLine());
            System.out.println("ENTER THE ENDING HOUR TO FIND AVERAGE");
            hr1=Integer.valueOf(ir.readLine());
            for( i=month;i<month1;i++) {
                for( j=date;j<date1;j++) {
                    for(k=hr;k<hr1;k++) {
                        sum+=visitors[i][j][k];
                        count++;
                    }
                }
            }
            l++;
        }
        average = sum / count;
        System.out.println("SUM OF MONTH + DATE + HOUR MULTIPLE BOUNDARY
IS:" + "\n" + sum);
        System.out.println("AVERAGE OF MONTH + DATE + HOUR
MULTIPLE BOUNDARY IS:" + "\n" + average);
        break;
        default :System.out.println("\n INVALID OPTION");
        break;
    }
    System.out.println("PRESS 1 TO CONT..");
    press =Integer.valueOf(ir.readLine());
}while (press == 1);}

```

OUTPUT:

PARTICULAR MONTH:

```
C:\Users\students\Documents\visitor>java Visit
1-->particular month      2-->particular DAY      3-->particular HOUR      4-->MONTH BOUNDARY
5-->MONTH & DAY BOUNDARY  6-->MONTH & DAY & HOUR BOUNDARY  7-->MULTIPLE MONTH BOUNDARY
8-->SINGLE MONTH & MULTIPLE DAY BOUNDARY
9-->MULTIPLE MONTH & HOUR & DAY BOUNDARY  10-->ALL MULTIPLE MONTH & HOUR & DAY BOUNDARY

enter the option to check
1

***** PARTICULAR MONTH *****

enter the month to check the number of visitor:
5
sum of visitors in particular month--->54040

average of visitors in particular month--->1801
PRESS 1 TO CONT..
```

PARTICULAR DAY:

```
PRESS 1 TO CONT..
1
1-->particular month      2-->particular DAY      3-->particular HOUR      4-->MONTH BOUNDARY
5-->MONTH & DAY BOUNDARY  6-->MONTH & DAY & HOUR BOUNDARY  7-->MULTIPLE MONTH BOUNDARY
8-->SINGLE MONTH & MULTIPLE DAY BOUNDARY
9-->MULTIPLE MONTH & HOUR & DAY BOUNDARY  10-->ALL MULTIPLE MONTH & HOUR & DAY BOUNDARY

enter the option to check
2

***** PARTICULAR DAY *****

enter the day to check the number of visitor:
5
sum of visitors in particular day--->75563

average of visitors in particular day--->6296
PRESS 1 TO CONT..
□
```

PARTICULAR HOUR

```
1
1-->particular month      2-->particular DAY      3-->particular HOUR      4-->MONTH BOUNDARY
5-->MONTH & DAY BOUNDARY  6-->MONTH & DAY & HOUR BOUNDARY  7-->MULTIPLE MONTH BOUNDARY
8-->SINGLE MONTH & MULTIPLE DAY BOUNDARY
9-->MULTIPLE MONTH & HOUR & DAY BOUNDARY  10-->ALL MULTIPLE MONTH & HOUR & DAY BOUNDARY

enter the option to check
3

***** PARTICULAR HOUR *****

enter the hour to check the number of visitor:
5
sum of visitors in particular month--->27459

average of visitors in particular month--->1144
***** MONTH BOUNDARY *****

enter the month1 to check the number of visitor :
2
enter the month2 to check the number of visitor :
3
sum of visitors in particular month :108978

average of visitors in particular month :3632
PRESS 1 TO CONT..
```

MONTH BOUNDARY:

```
PRESS 1 TO CONT..
1
1-->particular month      2-->particular DAY      3-->particular HOUR      4-->MONTH BOUNDARY
5-->MONTH & DAY BOUNDARY  6-->MONTH & DAY & HOUR BOUNDARY  7-->MULTIPLE MONTH BOUNDARY
8-->SINGLE MONTH & MULTIPLE DAY BOUNDARY
9-->MULTIPLE MONTH & HOUR & DAY BOUNDARY  10-->ALL MULTIPLE MONTH & HOUR & DAY BOUNDARY

enter the option to check
4

***** MONTH BOUNDARY *****

enter the month1 to check the number of visitor :
3

enter the month2 to check the number of visitor :
5

sum of visitors in particular month :163217

average of visitors in particular month :5440
PRESS 1 TO CONT..
m
```

MONTH & DAY BOUNDARY:

```
PRESS 1 TO CONT..
1
1-->particular month      2-->particular DAY      3-->particular HOUR      4-->MONTH BOUNDARY
5-->MONTH & DAY BOUNDARY  6-->MONTH & DAY & HOUR BOUNDARY  7-->MULTIPLE MONTH BOUNDARY
8-->SINGLE MONTH & MULTIPLE DAY BOUNDARY
9-->MULTIPLE MONTH & HOUR & DAY BOUNDARY  10-->ALL MULTIPLE MONTH & HOUR & DAY BOUNDARY

enter the option to check
5

***** MONTH & DAY BOUNDARY *****

enter the month1 to check the number of visitor :
5

enter the month2 to check the number of visitor :
6

enter the day1 to check the number of visitor :
3

enter the day2 to check the number of visitor :
7

sum of visitors in particular month :181385

average of visitors in particular month :1079
PRESS 1 TO CONT..
m
```

MONTH & HOUR & DAY BOUNDARY:

```
5-->MONTH & DAY BOUNDARY    6-->MONTH & DAY & HOUR    BOUNDARY    7-->MULTIPLE MONTH BOUNDARY
8-->SINGLE MONTH & MULTIPLE DAY BOUNDARY
9-->MULTIPLE MONTH & HOUR & DAY BOUNDARY    10-->ALL MULTIPLE MONTH & HOUR & DAY BOUNDARY

enter the option to check
6

***** MONTH & DAY & HOUR    BOUNDARY *****

enter the month1 to check the number of visitor :
1

enter the month2 to check the number of visitor :
2

enter the day1 to check the number of visitor :
3

enter the day2 to check the number of visitor :
4

enter the hour1 to check the number of visitor :
5

enter the hour2 to check the number of visitor :
6
564

sum of visitors in particular month    :564
average of visitors in particular month :70
```

MULTIPLE MONTH BOUNDARY:

```
1-->particular month    2-->particular DAY    3-->particular HOUR    4-->MONTH BOUNDARY
5-->MONTH & DAY BOUNDARY    6-->MONTH & DAY & HOUR    BOUNDARY    7-->MULTIPLE MONTH BOUNDARY
8-->SINGLE MONTH & MULTIPLE DAY BOUNDARY
9-->MULTIPLE MONTH & HOUR & DAY BOUNDARY    10-->ALL MULTIPLE MONTH & HOUR & DAY BOUNDARY

enter the option to check
7

***** MULTIPLE MONTH BOUNDARY *****

enter the number of months for visitor checking :
2

***** multiple boundary for month*****

enter the month1 to check the number of visitor :
2

enter the month2 to check the number of visitor :
4

enter the month1 to check the number of visitor :
3

enter the month2 to check the number of visitor :
5

sum of visitors in particular month    :327932

average of visitors in particular month :10931
page 4 to 400
```

SINGLE MONTH & MULTIPLE DAY BOUNDARY:

```
***** SINGLE MONTH & MULTIPLE DAY BOUNDARY *****
enter the month1 to check the number of visitor :
3
enter the month2 to check the number of visitor :
5
enter the multiple number of days for visitor checking :
2
***** day 1 boundary *****
enter the day1 to check the number of visitor :
1
enter the day2 to check the number of visitor :
8
***** day 2 boundary *****
enter the day1 to check the number of visitor :
5
enter the day2 to check the number of visitor :
23
sum of visitors in particular month & n days :146315
average of visitors in particular month & n days :203
PRESS 1 TO CONT
```

MULTIPLE HOUR & MONTH & DAY BOUNDARY:

```
PRESS 1 TO CONT..
1
1-->particular month      2-->particular DAY      3-->particular HOUR      4-->MONTH BOUNDARY
5-->MONTH & DAY BOUNDARY  6-->MONTH & DAY & HOUR BOUNDARY  7-->MULTIPLE MONTH BOUNDARY
8-->SINGLE MONTH & MULTIPLE DAY BOUNDARY
9-->MULTIPLE MONTH & HOUR & DAY BOUNDARY  10-->ALL MULTIPLE MONTH & HOUR & DAY BOUNDARY

enter the option to check
9
***** MULTIPLE MONTH & HOUR & DAY BOUNDARY *****

enter the month1 to check the number of visitor :
1
enter the month2 to check the number of visitor :
4
enter the day1 to check the number of visitor :
3
enter the day2 to check the number of visitor :
4
enter n number of hours to check
2
```

```

***** Hour1boundary*****

enter the hour1 to check the number of visitor :
3

enter the hour2 to check the number of visitor :
4

***** Hour2boundary*****

enter the hour1 to check the number of visitor :
6

enter the hour2 to check the number of visitor :
8

sum of visitors in particular month :3081

average of visitors in particular month :77
PRESS 1 TO CONT..

```

ALL MULTIPLE MONTH & HOUR & DAY BOUNDARY:

```

PRESS 1 TO CONT..
1
1-->particular month      2-->particular DAY      3-->particular HOUR      4-->MONTH BOUNDARY
5-->MONTH & DAY BOUNDARY  6-->MONTH & DAY & HOUR BOUNDARY  7-->MULTIPLE MONTH BOUNDARY
8-->SINGLE MONTH & MULTIPLE DAY BOUNDARY
9-->MULTIPLE MONTH & HOUR & DAY BOUNDARY  10-->ALL MULTIPLE MONTH & HOUR & DAY BOUNDARY

enter the option to check
10

***** ALL MULTIPLE MONTH & HOUR & DAY BOUNDARY *****

ENTER n VALUE
2
ENTER THE STARTING MONTH TO FIND AVERAGE
1
ENTER THE ENDING MONTH TO FIND AVERAGE
2
ENTER THE STARTING DATE TO FIND AVERAGE
3
ENTER THE ENDING DATE TO FIND AVERAGE
4
ENTER THE STARTING HOUR TO FIND AVERAGE
6

```

```

ENTER THE ENDING HOUR TO FIND AVERAGE
7
ENTER THE STARTING MONTH TO FIND AVERAGE
5
ENTER THE ENDING MONTH TO FIND AVERAGE
7
ENTER THE STARTING DATE TO FIND AVERAGE
15
ENTER THE ENDING DATE TO FIND AVERAGE
17
ENTER THE STARTING HOUR TO FIND AVERAGE
9
ENTER THE ENDING HOUR TO FIND AVERAGE
12
SUM OF MONTH + DATE + HOUR MULTIPLE BOUNDARY IS:
965
AVERAGE OF MONTH + DATE + HOUR MULTIPLE BOUNDARY IS:
74.0
PRESS 1 TO CONT..

```

DEFAULT:

```
C:\Users\students\Documents\visitor>java Visit
1-->particular month      2-->particular DAY      3-->particular HOUR      4-->MONTH BOUNDARY
5-->MONTH & DAY BOUNDARY  6-->MONTH & DAY & HOUR BOUNDARY  7-->MULTIPLE MONTH BOUNDARY
8-->SINGLE MONTH & MULTIPLE DAY BOUNDARY
9-->MULTIPLE MONTH & HOUR & DAY BOUNDARY  10-->ALL MULTIPLE MONTH & HOUR & DAY BOUNDARY

enter the option to check
12

INVALID OPTION
PRESS 1 TO CONT..
[]
```