I did it in sample console application.

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import java.util.\*;

public class Program

{

static void main(String[] args)

{

clsTemparature objTemp = new clsTemparature(); //Task 1

objTemp.GetSensorData();

// clsSeatArrager objclsSeatArrager = new clsSeatArrager(); //Task 2

// objclsSeatArrager.GetStudentInfo();

new Scanner(System.in).nextLine();

}

}

public class clsTemparature

{

private ArrayList<String> lstGivenData = new ArrayList<String>();

private int splitDuration = 1; //1 sec

public final void GetSensorData()

{

System.out.println("Enter Temparature divide by '-' ");

String data = new Scanner(System.in).nextLine();

lstGivenData = data.split("[-]", -1).ToList();

ArrayList<TemparatureData> lstTtempdata = new ArrayList<TemparatureData>();

for (int i = 0; i < lstGivenData.size(); i++)

{

ArrayList<Object> splitdata = lstGivenData.get(i).split("[,]", -1).ToList();

TemparatureData tempVar = new TemparatureData();

tempVar.setSensorID((Integer)splitdata.get(0));

tempVar.setMseconds((Integer)splitdata.get(1));

tempVar.setTemparature((Integer)splitdata.get(2));

lstTtempdata.add(tempVar);

}

ArrayList<Integer> lstAvg1 = new ArrayList<Integer>();

ArrayList<Integer> lstAvg2 = new ArrayList<Integer>();

ArrayList<Integer> lstAvg3 = new ArrayList<Integer>();

ArrayList<Integer> lstAvg4 = new ArrayList<Integer>();

for (int i = 0; i < lstTtempdata.size(); i++)

{

if (lstTtempdata.get(i).getMseconds() >= 10000 && lstTtempdata.get(i).getMseconds() <= 10999)

{

lstAvg1.add(lstTtempdata.get(i).getTemparature());

}

if (lstTtempdata.get(i).getMseconds() >= 11000 && lstTtempdata.get(i).getMseconds() <= 11999)

{

lstAvg2.add(lstTtempdata.get(i).getTemparature());

}

if (lstTtempdata.get(i).getMseconds() >= 12000 && lstTtempdata.get(i).getMseconds() <= 12999)

{

lstAvg3.add(lstTtempdata.get(i).getTemparature());

}

if (lstTtempdata.get(i).getMseconds() >= 13000 && lstTtempdata.get(i).getMseconds() <= 13999)

{

lstAvg4.add(lstTtempdata.get(i).getTemparature());

}

}

System.out.println("10000-10999 :" + lstAvg1.Select(x -> x).Average());

System.out.println("11000-11999 :" + lstAvg2.Select(x -> x).Average());

System.out.println("12000-12999 :" + lstAvg3.Select(x -> x).Average());

System.out.println("13000-13999 :" + lstAvg4.Select(x -> x).Average());

}

}

public class TemparatureData

{

private int SensorID;

public final int getSensorID()

{

return SensorID;

}

public final void setSensorID(int value)

{

SensorID = value;

}

private int Mseconds;

public final int getMseconds()

{

return Mseconds;

}

public final void setMseconds(int value)

{

Mseconds = value;

}

private int Temparature;

public final int getTemparature()

{

return Temparature;

}

public final void setTemparature(int value)

{

Temparature = value;

}

}

public class clsSeatArrager

{

public final void GetStudentInfo()

{

System.out.println("number\_of\_students ");

int noStudents = Integer.parseInt(new Scanner(System.in).nextLine());

System.out.println("number\_of\_chairs ");

int noChairs = Integer.parseInt(new Scanner(System.in).nextLine());

seating\_arrangement(noStudents, noChairs);

}

private void seating\_arrangement(int number\_of\_students, int number\_of\_chairs)

{

int no\_rows = 2;

int row\_first = (number\_of\_chairs / 2);

String[] student\_types = new String[] {"Math", "Physics", "Chemistry"};

String[] students\_writing = new String[] { };

int students\_writing1 = (number\_of\_students / 3) \* 3;

if (number\_of\_students <= number\_of\_chairs)

{

if (number\_of\_students > 0)

{

for (int i = 0; i < number\_of\_students; i++)

{

}

}

}

else

{

System.out.println("Need More Chairs");

}

}

}

--------------------------------------------------------------------

out put

enter the values

1,10000,40-1,10002,45-1,11015,50-2,10005,42-2,11051,45-2,12064,42-2,13161,42

o/p

