110 Q4 MON 7/4 Sec**\_**Student**ID** \_\_\_\_\_\_\_\_\_\_\_ **Name in CAPITAL** \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

You can use pencil / pen / both. Pencil users cannot report problems/mistakes in checking this quiz paper when it will be returned back to you after checking. Forgetting to fill above blanks means, you are absent. You can use the other side of the pages as well for any of your answers if you need more space.

* Do not overwrite, instead cross out/strikethrough ~~like this~~ and write again.
* Understanding the question is part of the exam. Manage space well/use column, no extra page will be given.

**Q1) Draw flowchart of a program that asks the user how many days of temperature was recorded in planet Mars, takes those temperature values as input. Then reports the average temperature without considering two extreme/outlier points (highest and lowest). Hint: You can subtract highest and lowest value from the sum and then take average.**

**Example:**

**Input: 5, 100, 30, 50, 8, 40**

**Output: average temperature: 40 degree**

**Explanation: (30+40+50)/3 = 40. 100 and 8 will not be counted as those are extreme.**

Q2) Write java code of Q1.