

- Important: Completely fill in the circle that corresponds to the question you are answering on this page.

Question 1

Question 2

Question 3

Question 4



Part A:

Begin your response to each question at the top of a new page.

```

Public void cleanData (double lower, double upper) {
    for (int i=0; i < temperatures.length; i++) {
        if (temperatures.get(i) < lower) {
            temperatures.remove(i);
        }
        else if (temperatures.get(i) > upper) {
            temperatures.remove(i);
        }
    }
    return temperatures;
}

```

Part B:

```

Public int longestHeatWave (double threshold) {
    double temp = 0;
    for (int i=0; i < temperatures.length; i++) {
        if (temperatures.get(i) && temperatures.get(i+1) > threshold) {
            double temp = temperatures.get(i+1) - temperatures.get(i);
            double heatWave = temp;
            if (temp > heatWave) {
                return temp;
            }
        }
        else {
            return heatWave;
        }
    }
}

```

Page 5

Use a pencil only. Do NOT write your name. Do NOT write outside the box.

0051144

