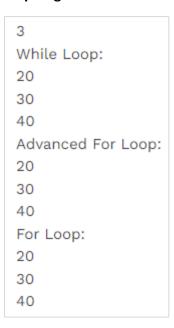**Scenario Based Questions**

Topic: Java

1. **Write a Java Program to iterate ArrayList using for-loop, while-loop, and advance for-loop to get the result as shown below:**

```
3
While Loop:
20
30
40
Advanced For Loop:
20
30
40
For Loop:
20
30
40
```

2. create a doubly linked list and rotate it by n node to get the result as shown below:

```
Original List:
1 2 3 4 5
Updated List:
4 5 1 2 3
```

Participant Guide   *By EBSC Technologies Pvt. Ltd*

Topic: SQL

3. At St. Xavier's College, a faculty has the following data in My SQL in database named as Class having table student related to Semester Examination

Enrollment No.	Student Name	Section	Subject Id	Marks
1	Tim	A	1	70
2	Jim	A	2	75
3	Kim	B	3	65
4	Tom	B	4	77
5	John	C	5	60
6	Joe	C	1	82
7	James	B	2	76
8	Henry	C	5	68
9	Matt	B	3	71
10	Paul	A	4	79

The faculty needs a section-wise Number of candidates who have secured more than or equal to 75 marks in the Semester Exam.

Note: Enrollment No. is declared as Primary Key

Output Table

Section	No. of Candidate greater than or equal to 75 marks
A	3
B	4
C	3

Can you suggest how this can be achieved? Write steps along with output screenshot