

Faculty Name and UID: Girish Kumar UID: 21706

Academic Task Number: CA-1 Course code: CAP680

Course Title Programme: Programming in JAVA (Lab)

Maximum Marks: 50

Academic Task Type: Assignment 1 Reg.No: 12207313

Name: Himanshu singh Section: D2214

Roll No: 26 Group: One

Date of Allotment: 9-Feb-2023 Last Date of submission: 13-Feb-2023

**Set: Even** 

Question	Question Statement	<b>Course Outcome</b>	Bloom's level	Marks per
Number				Question
1	Sahil wants to appear in a competitive exam. To take the exam, there are the following requirements:	CO1	L6	50
	<ul> <li>Minimum age limit is XX (i.e. Age should be greater than or equal to XX).</li> <li>Age should be strictly less than YY.</li> <li>Sahil's current Age is AA. Find whether he is currently eligible to take the exam or not.</li> </ul>			



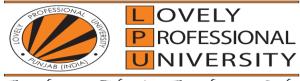
## CODE:

```
import java.util.Scanner;
public class ca1 {
  public static void main(String[] args) {
     int minimumAge = 18;
     int maximumAge = 24;
     System.out.println("Enter Sahil's current age: ");
     Scanner sc = new Scanner((System.in));
     int sahilAge;
     sahilAge= sc.nextInt();
     if (sahilAge >= minimumAge && sahilAge < maximumAge)</pre>
       System.out.println("Sahil is eligible to take the exam.");
     else
       System.out.println("Sahil is not eligible to take the exam.");
```



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```
© ca1Q2.java ×
import java.util.Scanner;
public class ca1 {
   public static void main(String[] args) {
        int minimumAge = 18;
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        System.out.println("Enter Sahil's current age : ");
        Scanner sc = new Scanner((System.in));
        int sahilAge;
        sahilAge= sc.nextInt();
        if (sahilAge >= minimumAge && sahilAge < maximumAge)</pre>
            System.out.println("Sahil is eligible to take the exam.");
        else
            System.out.println("Sahil is not eligible to take the exam.");
```



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## **OUTPUT:**

```
"C:\Program Files\Java\jdk-19\bin\java.exe" "-javaagent:
Enter Sahil's current age :
28
Sahil is not eligible to take the exam.

Process finished with exit code 0
```

```
"C:\Program Files\Java\jdk-19\bin\java.exe" "-javaagent:
Enter Sahil's current age :

19
Sahil is eligible to take the exam.

Process finished with exit code 0
```