

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 Number	Question Statement	Course Outcome	Bloom's level	Marks per Question
1	<p>Sahil wants to appear in a competitive exam. To take the exam, there are the following requirements:</p> <ul style="list-style-type: none"> Minimum age limit is XX (i.e. Age should be greater than or equal to XX). Age should be strictly less than YY. <p>Sahil's current Age is AA. Find whether he is currently eligible to take the exam or not.</p>	CO1	L6	50

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)
        {
            System.out.println("Sahil is eligible to take the exam.");
        }
        else
        {
            System.out.println("Sahil is not eligible to take the exam.");
        }
    }
}
```



```
ca1.java x ca1Q2.java x
1 import java.util.Scanner;
  no usages
2 public class ca1 {
  no usages
3 public static void main(String[] args) {
4     int minimumAge = 18;
5     int maximumAge = 24;
6     System.out.println("Enter Sahil's current age : ");
7     Scanner sc = new Scanner((System.in));
8     int sahilAge;
9     sahilAge= sc.nextInt();
10
11     if (sahilAge >= minimumAge && sahilAge < maximumAge)
12     {
13         System.out.println("Sahil is eligible to take the exam.");
14     }
15     else
16     {
17         System.out.println("Sahil is not eligible to take the exam.");
18     }
19 }
20 }
```

OUTPUT :

```
ca1 x
"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
|
```

```
ca1 x
"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
|
```