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 2   **Reg.No : 12207313**

Name : Himanshu singh   **Roll No : 26**

Section : D2214   **Group : A**

Date of Allotment: 13-Feb-2023   **Last Date of submission: 16-Feb-2023**

Set: Even

Question Number	Question Statement	Course Outcome	Bloom's level	Marks per Question
1	Sachin has recently moved into an apartment. It takes 30 minutes for Sachin to reach office from the apartment. Sachin left for the office X minutes before Sachin was supposed to reach. Determine whether or not Sachin will be able to reach on time	CO1	L6	50

CODE :

```java
import java.util.Scanner;
public class ca1Q2 {
    public static void main(String[] args) {
        int travelTime = 30;
        System.out.println("Enter Sachin time at which he left for office : ");
        Scanner sc = new Scanner((System.in));
        int sachinT;
        sachinT= sc.nextInt();

        if (travelTime <= sachinT) {
            System.out.println("Sachin will reach the office on time.");
        } else {
            System.out.println("Sachin will not reach the office on time.");
        }
    }
}
```

```java
ca1.java ×    ca1Q2.java ×

1       import java.util.Scanner;
        no usages
2       public class ca1Q2 {
            no usages
3           public static void main(String[] args) {
4               int travelTime = 30;
5               System.out.println("Enter Sachin time at which he left for office : ");
6               Scanner sc = new Scanner((System.in));
7               int sachinT;
8               sachinT= sc.nextInt();
9
10              if (travelTime <= sachinT) {
11                  System.out.println("Sachin will reach the office on time.");
12              } else {
13                  System.out.println("Sachin will not reach the office on time.");
14              }
15          }
16      }
17
```

OUTPUT :

```
ca1Q2 ×

"C:\Program Files\Java\jdk-19\bin\java.exe" "-javaagent:
Enter Sachin time at which he left for office :
25
Sachin will not reach the office on time.


Process finished with exit code 0
```

```
ca1Q2 ×

"C:\Program Files\Java\jdk-19\bin\java.exe" "-javaagent:C:
Enter Sachin time at which he left for office :
35
Sachin will reach the office on time.


Process finished with exit code 0
```