Daily Challenge   **Happy Coding from necse**   ✅ **SkillRack**

Assign Question Paper to Student

A class teacher has **26 sets of question papers** named from **A to Z**. He wants to conduct a test for his class students. Each student has a registration number. He assigns a question paper to each student based on the following condition.
- Find the sum of all the digits in the registration number. If the sum is within the range 1-26, then the corresponding question paper set is assigned to the student. Else the sum of the digits is calculated again and again till the sum falls within the range 1-26, and then the corresponding question paper set is assigned to the student.
The program must accept an integer **R** representing the registration number of a student as the input. The program must print the name of the question paper set assigned to the student as the output.

Boundary Condition(s):
$1 <= R <= 10^9$

Input Format:
The first line contains R.

Output Format:
The first line contains an alphabet representing the name of the question paper set assigned to the student.

Example Input/Output 1:
Input:
100954

Output:
S

Explanation:
The sum of digits in 100954 is **19**.
The 19th alphabet is **S**, which is assigned to the student.
Hence the output is S.

Example Input/Output 2:
Input:
9223399

Output:
J

Explanation:
The sum of digits in 9223399 is **37**, which is not in the range 1-26.
So the sum of digits in 37 is **10**.
The 10th alphabet is **J**, which is assigned to the student.
Hence the output is J.

Max Execution Time Limit: 50 millisecs

Ambiance

Java (12.0)

```java
import java.util.*;
public class Hello {

    public static void main(String[] args) {

        Scanner sc = new Scanner(System.in);

        int sum=10000;
        int toCalculate = sc.nextInt();

        while(sum>26){
            if(sum!=10000) toCalculate=sum;
            sum=0;
            while(toCalculate>0){
                sum+=(toCalculate%10);
                toCalculate = toCalculate/10;
            }
        }

        System.out.println((char)('A'+sum-1));

    }
}
```

Code did not pass the execution   — ×

Input:

100954

Expected Output:

S

Your Program Output:

T

Save   Run