

## Surprise Test !!

1. Sam and Alex are friends. Sam wants Alex to solve the code from a given 10 digit number. Help Alex to check whether the sum of first digit, third digit, last digit, third-last digits is divisible by 3 or not. If divisible, then secret code is found or else not. Print appropriate message.

Example Test Case:

Input Format:

1234567890

Output Format:

CODE SUCCESS

2. Three friends, Harry, Ron, and Hermione, earned house points for Gryffindor. Input their points and determine who earned the most.

Example Test Case:

Input Format:

45

75

100

Output Format:

Hermione got the most points.

### Conditions:

- No built-in functions, can use user-defined functions if needed.
- Eg: For Q1 : 1234567890,  $\text{sum} = 1 + 3 + 0 + 8 = 12$ , 12 divisible by 3, So Code found.
- Input is an integer.
- Output is a string.
- Write the pseudo code/program on a sheet of paper. Get it verified from the teacher. Then do it in an online compiler.