**PROBLEMS**

1. **Super Ten**
2. **Fibonacci Letters**
3. **Rock Paper Scissors**

**SUPER TEN:**

Question:

Sunny an intelligent and smart student has been selected for **KBC** (Kaun banega Crorepati). He has successfully cleared 10 questions. The next question is some what confusing and he was not able find the answer to it. So, he decided to use the lifeline and selected “PHONE A FRIEND”. So, he called his best friend tarun who has the talent of cracking any question. So he called him via his touch smart phone by typing his name.

**The Question is:**

If **avatar** is coded as 218321812173 then how **avengers** coded?

**Note:** Answer on the finger tips.

**Input Format:** a single linestring of alphabets with length n

**Constraints:** string length less than 27

**Output Format:** n\*2 length of natural number

**Sample Test Cases:**

**Input 1:**

avatar

**Output:**

218321812173

**Input 2:**

spider

**Output:**

747143313273

**Fibonacci Letters**

In the year 2075 where robots are more than humans and world war 4 has just ended a soldier from Pakistan has left a message to the prime minister of Pakistan. The Indian Robot named TaRam has trapped that message. He must send it with best encryption and hence robot sent it to the prime minister of India. To test the encryption efficiency, he has given the task to two scientists named Tarun and Ram to find the algorithm behind it.

**Input format:**

a single linestring of alphabets with length n. (both lower and upper case)

**Output format:**

Natural number of length n.

**Sample Testcase:**

**Input 1:**

killindia

**Output:**

988488522

**Input 2:**

startnuclearwar

**Output:**

554887285264431

**ROCK PAPER SCISSORS**

We all know this game and once or more tried in our life. So our goal is to build an application which wants no of players as input and no of turns they play and we have to calculate the total points scored by each player. One point for each win for the player against others.

**Input Format:**

Positive Integer n indicating number of players

Positive Integer m indicating number of turns

Next m lines with n-1 space separated characters with may has one among (R,P,S).

R- Rock

P- Paper

S- Scissors

**Output Format:**

n-1 space separated points of n players

**Sample Testcase:**

**Input 1:**

3

3

R P P

R S S

P P R

**Output:**

3 2 1

**Input 2:**

5

2

R P S S R

P P R S P

**Output:**

3 3 2 4 3

Hello,

We welcome you to the event of the semester “CODE3000”. It is our **fourth** challenge in this contest. It is the coding event launched by Pragati to know the best of the best coders of pragati. It is a 4-hour challenge which will be held today between 8 pm to 12pm.

It is best to login to the link below, 20 min before. Make sure you have active internet connection before starting the test.

The participation and submission are must and should as it will be an important phase for your future placement oppurtunities. So plzzz do attempt and submit the codes.

The hackerrank link is: [www.hackerrank.com/code3000](https://www.hackerrank.com/code3000)

Post this link in your class whatsapp group if already posted neglect it.

Think Hard, Code Smart.

**The solutions of all these 4 challenges will be released soon via youtube**

**Please stay tuned….**

Thank You.