InfyTQ SET 003

Solved Challenges **0/5**

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4-Digit OTP

ID:10571   Solved By 373 Users

InfyTQ

The program must accept an integer **N** in the form of string as the input. The program must extract out digits at even positions, square & merge them. First 4 digits of the result will be the required OTP. Finally, the program must print the 4-digit OTP as the output. If it is not possible to such an OTP, the program must print **-1** as the output.

Boundary Condition(s):
$1 <= N <= 10^8$

Input Format:
The first line contains N.

Output Format:
The first line contains the first 4-digit OTP or -1.

Example Input/Output 1:
Input:
345675

Output:
1636

Explanation:
The squares of the digits present in the even positions of the integer 3**45**6**75** are **16**, **36** and **25**.
So after concatenating the squares 16, 36 and 25, **163625** is formed.
Hence the output is 1636

Example Input/Output 2:
Input:
456213

Output:
2549

Max Execution Time Limit: 200 millisecs

Ambiance

Python3 (3.x) ⌄

Reset

```
 1  s = input().strip()
 2
 3  otp = ""
 4  for index in range(len(s)):
 5      if(index%2!=0):
 6          otp+=str(int(s[index])**2)
 7
 8  if(len(otp)>=4):
 9      print(otp[:4])
10  else:
11      print("-1")
12
```

Code did not pass the execution   —   ✕

👁

2   **Private (Hidden) Test Cases Failed.**

8 Passed   2 Failed

MEM: 0.09765625 MB   **CPU: 0.01**

Save   Run

☐   Run with a custom test case (Input/Output)