

Statement-1:

Input: 23456778990

Output: 6

Input: 24242

Output: -1

Input: 359

Output: 3

In [28]:

```
1 n = int(input())
2 odc = 1
3 while n!=0:
4     p = n%10
5     if p%7==0:
6         # print(p,end="$")
7         odc+=1
8     n = n//10
9     # print("\n")
10 if odc == 1:
11     print("{}".format(odc-2))
12 else:
13     print("{}".format(odc-2))
```

242

-1

In [18]:

```
1 print(0%3)
```

0

Statement-2:

Input:126789345

Output:2 6 8 4

Input: 246

Output: 6 4 2

Input: 579

Output: 0

Statement-3:

Input: 126789345

Output: 4826

Input: 23456193

Output: 39135

Inner Loops:

- Loop within a loop
- Nested loop

5

```
* * * * *
*       *
*       *
*       *
* * * * *
```

4

```
*       *
    **
    **
*       *
```

3

```
***
***
***
```

In [35]:

```
1 n = int(input())
2 for r in range(n):
3     for c in range(n):
4         print("*",end=" ")
5     print(end="\n")
```

5

```
* * * * *
* * * * *
* * * * *
* * * * *
* * * * *
```

In []:

1