```python
1  a=input()
2  b=list(a)
3  count=0
4  c=0
5  for i in b:
6      if(i=='a' or i=='e' or i=='i' or i=='o' or
   i=='u'):
7          count+=1
8      else:
9          c+=1
10 print(count)
11 print(c)
12
```
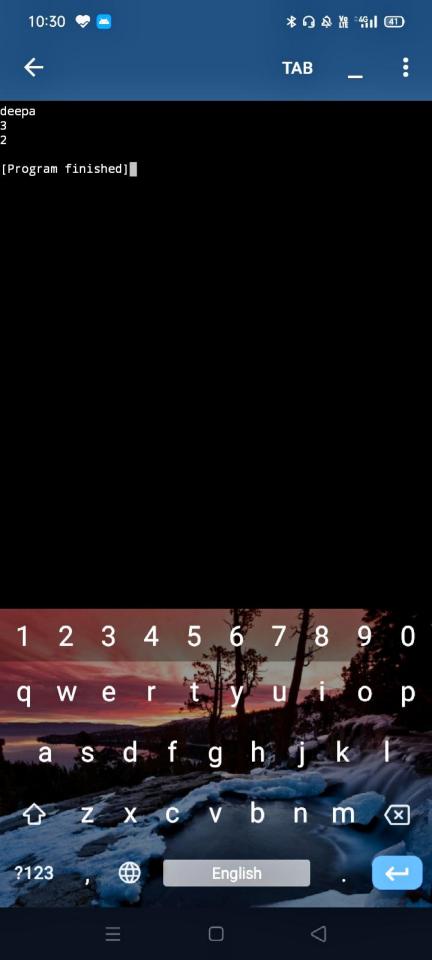
```
deepa
3
2

[Program finished]
```

```python
a=int(input())
b=a
c=1
s=0
while(b>0):
    fact=1
    c=b%10
    for i in range(1,c+1):
        fact*=i
    s+=fact
    b=b//10
if (s==a):
    print("strong number")
else:
    print("Not a strong number")
```

145
strong number

[Program finished]