

# Parth Nikam | PRN: - 20070123120 | E&TC - B1

## Number of Vowels in a String

### Code

```
In [2]: str=input('Enter the string:')
count=0
list1=['a','e','i','o','u','A','E','I','O','U']
for ch in str:
    if ch in list1:
        count=count+1

else:
    print('Number of vowels is:',count)
```

Enter the string:This is Parth Nikam's PPS LAB Assignment. Taught by Sudhanshu Sir.  
Number of vowels is: 15

### Algorithm

1. START.
2. Input a string in str.
3. Create list of vowels as list.
4. Initialize a variable count with 0.
5. Access each character of string.
6. If character lies in list 1 increase count by 1.
7. Print count.
8. STOP.

### FlowChart





