

```
1 #Q1
2 str = 'This is a String'
```

```
1 str

    'This is a String'
```

```
1 #Q2
2 len(str)
```

```
16
```

```
1 #Q3
2 A = 'Python is great'
```

```
1 A[-1]

    't'
```

```
1 #Q4
2 B = 'Python is everywhere'
3 for char in B:
4     print(char)
```

```
☞ P
   y
   t
   h
   o
   n

   i
   s

   e
   v
   e
   r
   y
   w
   h
   e
   r
   e
```

```
1 #Q5
2 C = 'Hello world!'
```

```
1 C[::-1]
```

```
    '!dlrow olleH'
```

```
1 #Q6
```

```
2 D = 'How are you?'
```

```
1 print(D.upper())
```

```
    HOW ARE YOU?
```

```
1 #Q7
```

```
2 E = 'How Is It Going?'
```

```
1 print(E.lower())
```

```
    how is it going?
```

```
1 #Q8
```

```
2 words = ['Python','is','easy','to','learn']
```

```
3 for char in words:
```

```
4     if char not in ',':
```

```
5         print(char,end=' ')
```

```
    Python is easy to learn
```

```
1 #Q9
```

```
2 string = "This is a paragraph which is written just for the purpose of providing content t
```

```
3 for word in string.split():
```

```
4     print(word)
```

```
5
```

```
    This
    is
    a
    paragraph
    which
    is
    written
    just
    for
    the
    purpose
    of
    providing
    content
    to
    let
    the
```

```
average
word
length
be
calculated
```

```
1 #Q10
2 F = "to move to newline '\n' is used"
```

```
1 F

    'to move to newline '\n' is used'
```

```
1 #Q11
2 variable = 'the variable is 15'
```

```
1 print(variable)

    the variable is 15
```

```
1 #Q12
2 s1 = 'Python '
3 s2 = 'is '
4 s3 = 'great.'
```

```
1 print(s1+s2+s3)

    Python is great.
```

```
1 #Q13
2 print("#\n"*20)
```

```
#
#
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#
```

```
#  
#  
#
```

```
1 #Q14  
2 for i in range(1, 10):  
3     print(f"{i}.")
```

```
1.  
2.  
3.  
4.  
5.  
6.  
7.  
8.  
9.
```

```
1 #Q15  
2 sentence = 'Ask user to input a sentence and print each word on a different line'  
3 for word in sentence.split():  
4     print(word)
```

```
Ask  
user  
to  
input  
a  
sentence  
and  
print  
each  
word  
on  
a  
different  
line
```

```
1 #Q16  
2 txt = "How are you?"  
3 x = txt.endswith("?")  
4 print(x)
```

```
True
```

```
1 #Q17  
2 String = input("Enter a string: ")  
3 tempStr = 'e'  
4 for char in String:  
5     if char in tempStr:
```

```
6         print(char, ', ', String.count(char))
7         tempStr = tempStr+char
```

```
Enter a string: electric
e , 2
e , 2
```

```
1 #Q18
2 number = input('Enter number')
3 print(number.isnumeric())
```

```
Enter number6
True
```

```
1 #Q19
2 text = '    this is not a good string    '
3 print(text.strip())
```

```
this is not a good string
```

```
1 #Q20
2 def Count(str):
3     upper = 0
4     for i in range(len(str)):
5         if str[i].isupper():
6             upper += 1
7             print(f'found:{upper} uppercase character')
8 str = "Ankush Kumar"
9 Count(str)
```

```
found:1 uppercase character
found:2 uppercase character
```

```
1 #Q21
2 names = 'Joe, David, Mark, Tom, Chris, Robert'
3 names += ' '
4 print(names.split())

['Joe,', 'David,', 'Mark,', 'Tom,', 'Chris,', 'Robert']
```

```
1 #Q22
2 string = "this is some text"
3 for word in string.split():
4     word += 'aye'
5     print(word)
```

```
thisaye
isaye
someaye
textaye
```

```
1 #Q23
2 fullstring = "modifyi"
3 substring = "fyi"
4
5 if substring in fullstring:
6     print("Found!")
7 else:
8     print("Not found!")
```

Found!

```
1 #Q24
2 puncs = '!@~#&^%$*()_+{}"<>?'
3 text = '%p34@y!*-!*t68h#&on404'
4 for char in text:
5     if char not in puncs:
6         print(char,end='')

```

p34y-t68hon404

```
1 #Q25
2 s="this is a paragraph which is written just for the purpose of providing content to let
3 avg_word_len = len(s.replace(' ',''))/len(s.split())
4 print('Word average =', avg_word_len)
```

Word average = 4.636363636363637

1

