Q1-SwapCase

In [1]:

```python
def swap_case(s):
    n=s.swapcase()
    return n

if __name__ == '__main__':
    s = input()
    result = swap_case(s)
    print(result)
```

```
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```

Q2- String Split and Join

In [2]:

```python
def split_and_join(line):
    s=line.split(' ')
    j='-'.join(s)
    return j

if __name__ == '__main__':
    line = input()
    result = split_and_join(line)
    print(result)
```

```
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```

Q3- What's Your Name

In [1]:

```python
def print_full_name(first, last):
    print("Hello "+first+" " +last+"! You just delved into python.")

if __name__ == '__main__':
    first_name = input()
    last_name = input()
    print_full_name(first_name, last_name)
```

```
Shilpi
Rani
Hello Shilpi Rani! You just delved into python.
```

Q4- Mutations

In [2]:

```python
def mutate_string(string, position, character):
    l=list(string)
    l[position]=character
    s=''.join(l)
    return s

if __name__ == '__main__':
    s = input()
    i, c = input().split()
    s_new = mutate_string(s, int(i), c)
    print(s_new)
```

```
abracdabra
5 k
abrackabra
```

Q5- Find a String

In [3]:

```python
def count_substring(string, sub_string):
    string_length=len(string)
    substring_length=len(sub_string)
    c=0
    for i in range(0,len(string)):
        if string[i:(i+substring_length)]==sub_string:
            c=c+1
    return c

if __name__ == '__main__':
    string = input().strip()
    sub_string = input().strip()

    count = count_substring(string, sub_string)
    print(count)
```

```
ABCDCDC
CDC
2
```

Q6- String Validators

In [4]:

```python
s = input()
print(any(i.isalnum() for i in s))
print(any(i.isalpha() for i in s))
print(any(i.isdigit() for i in s))
print(any(i.islower() for i in s))
print(any(i.isupper() for i in s))
```

```
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True
True
False
True
True
```

Q7- Text Wrap

In [6]:

```python
import textwrap
def wrap(string, max_width):
    t=textwrap.fill(string,max_width)
    return t

if __name__ == '__main__':
    string, max_width = input(), int(input())
    result = wrap(string, max_width)
    print(result)
```

```
ABCDEFGHIJKLIMNOQRSTUVWXYZ
4
ABCD
EFGH
IJKL
IMNO
QRST
UVWX
YZ
```

Q8- Capitalize

In [ ]:

```python
def solve(s):
    n=' '.join(i.capitalize()  for i in s.split(' '))
    return n

if __name__ == '__main__':
    fptr = open(os.environ['OUTPUT_PATH'], 'w')

    s = input()

    result = solve(s)

    fptr.write(result + '\n')

    fptr.close()
```