```
1.a) str = input ("Enter string: ")
     if str.istitle() == True:
             print ("Yes each word begins with capital letter")
     else:
             print ("No each word does not begin with capital letter")
```

& example 1
>>> Enter string: Happy national Day
No each word does not begin with capital letter,

>>> example 2
>>> Enter string: Happy National Day
Yes each word begins with capital letter

```
1.b) s = input ("Enter string: ")
     sub = input ("Enter substring : ")
     if sub in s:
             print (*sub, "is present in ", s)
     else:
             print (sub, "is not present in ", s)
```

example 1:
Enter string: hello how are you
Enter substring: how
how is present in how are you
                  hello

```
1.c) s = input ("Enter string: ")
     sub = input ("Enter substring : ")
     print (s.index (sub))
```

example 1:
Enter string: hello how are you
Enter substring: how

6

1.d) s=input("Enter string: ")
   print ("Total no. of characters are ", len(str))

example:
Enter string : Good Morning
Total no. of characters are 12

1.e) s=input ("Enter string: ")
   ~~print~~ sub=input ("Enter sub string: ")
   print ("Count of ", substring, ":", ~~~~ s.count (sub))

example
Enter string: This too shall pass
~~subra~~ Enter substring: s
~~print~~ Count of s: 4

1.f) s=input ("Enter string: ")
   print (s. capitalize ())

Example
Enter string: good morning
Good morning

1.g) s=input ("Enter string: ")
   if s.isdigit () == True:
        print ("string contains only numbers ")
   else:
        print ("string does not contain only numbers")

example 1:   example 2:
Enter string: 123456   Enter string: hello123
string contains only numbers   string does not contain only
                                   numbers

```
1. h) s = input ("Enter string: ")
      ch = input ("Enter character : ")
      print (s. partition (ch))
```

example

Enter string: Thank you
Enter character : n
('tha', 'n', 'k you')

```
1. i) s = input ("Enter string: ")
      print (s. is lower())
```

example

Enter string: this is an example
True

eual

```
1. j) s = input ("Enter list of string: ")
      print ('-'.join(s))
```

example

Enter list of string: ['yes', 'or', 'no']

```
1. k) s = input ("Enter string: ")
      print (s[::-1])
```

example

Enter string: reverse string
gnirts esrever

```
1. l) s = input ("Enter string: ")
      print (s. upper())
```

example : Enter string: Uppercase
          False

1.m) s=input ("Enter string: ") (int ... integer)
   print (str (s))

example:
Enter integer: 2345
2345

1.n) s=input ("Enter string: ")   to be replaced
   sub=input ("Enter substring: ")
   ~~print(s.replace())~~
   a=input ("Enter string to replace: ")   with
   print (s.replace (sub, a))

1.(n) example:
Enter string: my name is meera
Enter substring to be replaced: m
Enter string to be replace with: —
-y na-e is -eera

1.o) s=input ("Enter string: ")
   sl=''
   for i in s:
       if i!=' ':
           s+=i
print ("Minimum character: ", min(list(s)))

1.(o) example:
Enter string: the world is beautiful
Minimum character: a

1.p) s=input ("Enter string: ")
   print (s.isalnum ())

example: Enter string: hello123
        True

1.q) s=input ("Enter string: ")
print (s. strip ())

1.q) example:
Enter string: remove all whitespace
removeallwhitespace

1.r) s=input ('Enter string: ")
print (s. title ())

example
Enter string: national day
National Day

1.s) s=input ("Enter string: ")
    if len (s. split ()) % 2 == 0 :
         a, b= (len(s.split())} // 2 , (len (s. split ()) // 2 + 1
         sple ''
         spl+ = s. split () [a-1] + '' + s. split() [b-1]
         print (s. partition (spl))

	Enter string: how are you
else:	('how', 'are', 'you')
a= (len (s. split ()) +1) //2	Enter string: hi how are you
split = s. split () [a-1]	('hi', 'how are', 'you)
print (s. partition (split))	

1.t) s=input ("Enter string: ")
print (s. lower ())

1.t) example
Enter string: GOOD DAY
good day

1.u) s = input("Enter string")
   print (s. isalpha())

example
Enter string : Alphabets
True

1.v) s = input("Enter string: ")
   ch = input("Enter character to be removed: ")
   print (s.lstrip(ch))

example
Enter string: **** hello ***
hello ***

2) a. +
   b. *
   c. + in
   d. ==

3) creates only 1 & ~~diff~~ objects in memory.

4) s = input("Enter string: ")
   s1 = ' '
   s2 = ' '
   for i in s:
       if i.islower == True:
           s1 += i
       elif i.isupper == True:
           s2 += i
   print (s1 + s2)

example
Enter string: bEAUtIfUL
batfuEUIL

5) S=input("Enter string: ")
   mark=[]

   for i in s.split():
       if i.isdigit()==True:
           i=int(i)
           mark.append(i)
   print("sum is = ", sum(mark), "and average=",
       sum(mark)/len(mark))

6) s=input("enter string: ")
   l=list(s.split())
   small=large=l[0]
   for i in range(0, len(l)):
       if len(small) > len(l[k]):
           small=l[k]
       if len(large) < len(l[k]):
           large=l[k]
   print(small, large)

7) {'A':1, 'p':2, 'l':1, 'e':1}

8) Original string is I am 16 years old
   1610

9) str1=input("Enter string: ")

   for i in str1.split():
       if i.isalphanum():
           print(i)

10) Original string is : Emma-is-a-data-scientist
    Emma is a data scientist

11) str = "computer science"

str [0] = c

str [-1] = e

str [1:5] = ompu

str [5:-2] = ter scien

12) name = input ("Enter full name: ")

s = name.split ()

name2 = ' '

for i in range (len(s)):

    if i! = (len(s) - 1) :

        name2 += s[i][0].upper () + ". "

    else:

        name2 += s[i].capitalize ()

print (name2)