OPERATORS

C> Tuestage - The same

BITWISE: The operators of it are used to convert them Into blowy digits.

Opp - 4100

Exon: when bets are different then it is I otherwise it is 'o' by Asstanment

Tilda
$$\rightarrow \sim 1 \Rightarrow 0$$
 $\sim 0 \Rightarrow 1$
 $\sim 0 \Rightarrow 1$

* 1/p - Pount (5210) - 0/p-0.

* 1/p- Poulat (5/10) - 0/p- 15

$$5 - 0101 \Rightarrow (1111)_2 = 1x^{\frac{3}{2}} + 1x^{\frac{2}{2}} + 1x^{\frac{1}{2}} + 1x^{\frac{1}{2}}$$

$$= 8 + 4 + 2 + 1$$

$$= 15$$

$$*1/p - poelnt(5^{10}) - 0/p - 15$$

$$5 - 0101$$

$$10 - 1010$$

$$111110$$

SHIFT:

Condition of

$$019 - 5 \times 2^{2} = 20.$$

BUILDING

MIP - GIPT Algorithm

GET 2 (complex cos)

(B) 11 2004 - 1/1 x

0/P - 15

1010 20

a = 10+5

Pount (a)

11 larly a+ = 5, a = 5, a = 5, a = 5

Wilte a program for unique number. for a = 10, b = 20, c = 10.

1/p - a = 10 b = 20 c = 10

0/P - 20.

+12010101

* 1/25 2 = × (20)

c < < 6 - 9/1 x

Pount (a b c)

 $a^{1}a = 0$ $b^{1}0 = b$

NLP -> GPT Algorithm

V
GPT 1
GPT 2 (complex one)

(9) . but see - 3/1 a. *1/p - c = 'a' Pount (type (c)) s='welcome to class!' Poulnt(type of (S)) Point (len(s)) O/P - < class 'stri > < class 'str'> 1000 = 1000 + 6-17 would 1149ABS 14 - 8/0 * 1/p - 3 = bit hi there Pount (SEIF) hi 10 Pount (s+'there') Pocint (S, 10) *1/p - S= 'hi' Pount (SEIJ) Pount (S[3]) Print (S[1.0])

Pount (s(1.0))

Pount (s+ 'there')

Pount (s, 10)

govits, we govern the special state

```
* 1/p - 3 = 'bi' 0/p - i (3)
        Pount (SE-17)
          lends of smoots 2'-12
*1/p - s = hi favani!
      Pount (s. upperec)
      Pount (S. Lowerc)
      Poilnt (s. strépe )) -> oremoves extra
                    spaces from front & back
  O/P - HI PAVANI
      hi pavani
                   Parent (sers)
      hi pavani
* 1/p. - 3 = we are leaning perton!
     Pount (s. find ('leaning'))
     S = S. suplace ('learing', 'learning')
     Pount (S)
     split_string = s. split (" ')
    Podnt (split - string)
    Porent (type (splet_string))
    join_string = 1 1.join(split_string)
```

O/P - -1

we are learning python!

'we', 'are', 'learning', 'python!'

4 class "list'>

we are learning python!

4 class 'str'>.

Claptob - do

*1/p -15= 100,16,16,16,16,16,

Particle (see : -1)

* S[start: end: Stepsize] $S \rightarrow PAVANI \rightarrow (n-1)$ 1:3:1

* S=['a;'b;'c,'d,'e,'f,'g,'h,'i,j,'h,'l,'m]

Pount (S[3:5:1])

*11p- s=['a', b', 'c', d', 'e, 'f', 'g', h', 'e', 'j', 'k', L'm]

Print(S[3:10:2])

Olp - dfhi

```
* 1/P = 8=[a', b', c', d', e', f', g', b', t', b', k', k', m']

Pount(S[3:10:1])*
```

Olp-defghtj

* 1/p - S = ['a), 'b), 'c', 'd', 'e', 'f', 'g', (H, 'f', 'j', 'k', 'l', 'm']

Poant (S[::2])

Off-acegikm.

*1/p - B=['a', 'b', C', d', 'e', f', 'g', 'h', 'i', 'g', 'k', 'l', 'm']

Poulnt (S[5:])

Olp-fghijklm

*1/p - s = ['d, 'b, 'c, 'd, 'e', f', 'g', 'h', 'l', 'm', l', 'm']

Pount (S[:5]) by

default it takes as 1

0/p - a b c de.

*1/p - 3=['a', 'b', 'c', 'd', 'e', 'f', 'g', 'h', 'i', 'j', 'k', 'l', 'm']

Poulnt [s[-7:-3:1]]

· O/P - ghij. (Lister of Manager)

*/p - S = ['a', 'b', 'c', 'd', 'e', 'f', 'g', 'h', i', 'j', 'k', 'l', 'm]

Pount (sc: :-1)) O/p - mlkjihgfedeb

*1/p-8['a', b', 'c', d', e, f, g, h, e, j, k, k, m] @

Pount[s[4:0:+1])

O/p - edcb.

isalpha: It rectivens Toure if all the characters are alphabets letters (a-3).

*(space)!#%? etc are met alphabet not allowed.

SYNTAX: str. isalphac)

isoligit: It retwers Treue ef all the characters are dégits, otherwise False.

* Exponents, like avec also considered to be a digit

SYNTAX: Str. isdigit ()

isspace: It retwens tome if all the characters in a string over whitespaces, otherwise False.

SYNTAX: Str. isspace ()

Start with: It returns True if the string starts with the specified value, otherwise False.

SYNTAX: Str. startswith (value, start, end)

Value - Required; the value to check if the string starts with

Start - Optional; An Integer specifying at which position to start the search.

End-Optional; An Integer specifying at which position to end the search.

Endwith: It retwens Town if the string ends with the specified value, otherwise False.

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etherness talle

Syldrax Estruggacces

SYNTAX: Str. endswith (value, Start, end)