

Day - 1 # band name generator program

Process hai  $\Rightarrow$  Printing

Inputting

Commenting

Debugging

Name Errors

Syntax Errors

String Manipulation

Variables

$\Rightarrow$  String - Image as pearl of necklace -

Print ("Hello World")

Piece of text in programming language is known as strings.

$\Rightarrow$  Syntax errors  $\rightarrow$  Forgot to add end parenthesis  
 $\rightarrow$  Forgot to add beginning or ending in the double quotes.

$\rightarrow$  many more (Simple we can say, agar code me kuch khatam hua toh fix karo problem ko).

$\Rightarrow$  Syntax highlighting  $\rightarrow$  Tab code me program, it highlight the problem by red line.

$\rightarrow$  automatically spot on....

$\Rightarrow$  Warning  $\rightarrow$  show yellow colour

→ Method for string → using \n for change line

ex → `Print ("Hello world! \n Hello world!")`

output → Hello world!

Hello world!

• Using + for add two string  
↳ plus

ex `print ("Hello" + "Rahul")`

output → HelloRahul (as you see no space between them, as we don't add space)

For space →

`Print ("Hello" + " " + "Angella")`

(Space are important)

↳ Again ap ap me print se phle space lagai tho vo karta hai → Indentation Error)

( • Know your code problem  
• have ability to debugging  
• have stability. )



→ `input()` → It help to add user (To add karna chahata) input like string.

ex → `input("A prompt from the user")`

• We use it inside a code.

We can also do ↓

`print("Hello" + input("What is your name?"))`

- It `Input()` function.

→ # Use ctrl + l from command down every line which at you choose.

→ Variable → In computer, it help refer to data from particular name.

Features → We can use same variable name in single as many times.

ex → `Name → "Rahul"`

`print(Name)`

`Name → "Rohan"`

`print(Name)`

→ output → `Rahul` } it simple rule / step hai  
`Rohan`

→ Inbuilt function → Print () function

↳ len () function

↳ we can use this like

→ Print (len(input ("what is your name?")))

→ Rules → . Make

1. make sure your variable names are descriptive like n, a,

2. Don't use spaces between words

ex → user name → show error

user\_name → correct, use underscore  
Don't space

3. Don't start with numbers

ex → 4name → show error

name4 → correct

na4me → correct

4. Don't use special word like print or input

5. Choose simple words that are less likely to become types

6. Check the company style guidelines if you start work at a company