|  |  |
| --- | --- |
| Code | Sub. Comment |
| Name,Roll,Age=input("Name (,) Roll (,) Your Age:  ").split(",") | Multi Input |
|  |  |
| print("Your Name Is {}.Roll {} And Age {}".format(Name,Roll,Age)) | Output Py3 |
|  |  |
| print(f"Your Name Is {Name}.Roll {Roll} And Age {Age}") | Output py3.6 |
|  |  |
| / | Float Division |
| // | Integer Division |
| % | Mod |
| \*\* | Power  Precrdence |
| Data Type | |
|  | Data Type |
| print(round(5\*\*.25,4)) | Limit Float No.  By Round Funtion |
| Index String | |
| Name=123456  print(Name[Start : End : step]) | Index String And Number |
|  |  |
| Num="123456"  print("Number " + str(Num))  #Reverse  print(Num[-1::-1])   #If I Don't Know Length (last -1+,2 Incrase)  print("Delwar Hossen"[::-1])   # Reverse  print(Num[5::-1])    # Count 0-5=6 #(-1) Means 6  print(Num[5:2:-1])  \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  output:  Number 123456  654321  654321 | Index String/ Number |
| Escape Sequences | |
| print("Name: \n A \t B \\\\ ")  print("Name: \\n A \\t B \\\\ ") #print Normal Text ES. Seq.  \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  OutPut:  Name:  A B \\ | Escape Sequences |
| print(r"Name: \n A \t B \\\\ ") | Avoid Escape Seq. |
| Function And Method | |
| Name="Md. Delwar Hossen"  print(len(Name)) | Length Function |
|  |  |
| Name="Md. Delwar Hossen"  print(Name.count("s")) | Count Method |
|  |  |
| Name="Md. Delwar Hossen"  print(Name.lower()) | Lower Case Method |
|  |  |
| Name="Md. Delwar Hossen"  print(Name.upper()) | Upper Case Method |
|  |  |
| Number=int(input("Input Your Number")) | Integer Input |
|  |  |
| Number=int(input("Input Your Number: "))  print("Number Is: " + str(Number)) | String + Integer Not Allow |
| print("His Name Is 'Delwar Hossen'.") | Multi Duble “ ” or ‘ ’  Not Allow |
| (Strip/Replace/Find) Method | |
| Name="     Md. Delwar Hossen    "  Dots="."  print(Name.lstrip()+Dots)  print(Name.rstrip()+Dots)  print(Name.strip()) | Left Strip  Rigth Strip  Strip |
|  |  |
| print(Name.replace(" ","")) | Replace Method |
|  |  |
| Name="        Md. Delwar Hossen      "  print(len(Name.replace(" ",""))) | Perfect Length |
|  |  |
| Name="        Md. Delwar HoSsen ASik     "  print(Name.lower().count("s")) | Perfect Count |
|  |  |
| text="My name is asik.It is a nice day."  print(text.replace("is","Was")) | Replace Method |
|  |  |
| P="My Name Is Asik . My Country Is Bangladesh"  P1=(P.lower().find("is"))  print(f'{P1} {P.lower().find("is", P1+1)}') | Find Method |
|  |  |
| Name="it was a nice day."  print(Name.title()) | Title Method |
|  |  |
| Name="Delwar Hossen"  print(Name.center(len(Name)+8,"\*")) | Center Method |
| Python String Immutable | |
| Name="Delwar"  Name+=" Hossen"  Num=12  Num\*=2  print(Name)  print(Num) | Assignment Operator |
| Base Command | |
| pwd (print working Directory)  ls ( See All List On Folder)  Clear ( For Screen Clear)  cd E:// (Change Directory)    mkdir "" (make Directory Create Folder)  cd Foldername (open Folder)  touch Filename\_With\_Extension ( Create a file )  cd .. ( For Back )  cd Pyt (TAB) (write fast word then tab open folder)  rm "file name" (Remove File)  rm -rf "Folder name" (remove folder) ( Remove Current Folder)  code "file name.py" (open file)  python filename.py (run python)  cd ~ (by default open sell)  mv "oldefilename.type" "newname.type" (Rename File Or folder)  mv ""file name.type ./foldername (move file same Directory Folder)  cp ""file name.type" ./foldername (copy File ../foldername back folder)  old entry code reuse >> Up Arrow | |
| Path Code | |
| // Git Bash  "terminal.integrated.shell.windows": "C:\\Program Files\\Git\\bin\\bash.exe" | Intregate Git base to vscode |
| Extra Tropic | |
| import random  print(random.randrange(1,10)) | Randeom Number |
| """  This is a comment  written in  more than just one line  """ | Full comments |
| quantity = 3 itemno = 567 price = 49.95 myorder = "I want {} pieces of item {} for {} dollars." print(myorder.format(quantity, itemno, price)) | Extra Output system  Python 3 |
| quantity = 3 itemno = 567 price = 49.95 myorder = "I want to pay {2} dollars for {0} pieces of item {1}." print(myorder.format(quantity, itemno, price)) | Extra Output system  Python 3 |
|  |  |
|  |  |