Data Science Python scripting
Spame Dev Web Design -Automation Web Dev Day-1. printing, Commenting, Debugging, string manipulation and Variables Replit => Browser based code editors print ("Hello woorld!") Hello woold! print (" ) or (', ')

-> what I need to print? Kstatement > Anything that comes under single or double quote print ("Hello world!) -> syntax Error (quote) parentrasis rang Klike nint > Syntan High Night Print ("Hello woold! -> Syntax Errobo (townthesis) =) Copy the erosor line: syntax Exorors Stoick overs flow . Loron & Solotion) Auditorojuros -> check the instruction ste olp (auditorium.ai)

Print Modifiers point ("she said: "the No" and then left.") -> Error point ('she said: "Hello" and then left.) LO0> point ("she sould: 'Hello' and then left!') 208> Print ("She said: \"HeNO\" and then lebt.") Ex:print ("A I single quote" inside a double quote") print ('A "double quote" inside a single quote") print ( Alternatively, you can just l'escapel the quote") MUHTPLE line to point: print ('Hello woorld') ofp Hello work bl > Hello world proint ('Hello workd') Hello workld print ( Hello world) <u>col</u>: print ('Hello world!\n Hello world!') Hello coordid In - new line Hello world Print ( 'Hello world! In Hello world! In Hello world ) Hello world! Hello woordd! Hello woodd! Concatenation: \_ > concatenation print ("Hello" + " Procon") -> Hello Procon print (" Hello " + "Prem") - Hello Prem point ("Hello" + " Procon") - Hello procom print ("Hello" + " + "Prem") - Hello . Arem

gracing is very important in python larguage. point ("Hello wood!") -> Indentation erors K But wrelding courts thre in recent vertican) Debigging: point (Day 1 - String Manipolation") point ("String concatenation is done with the "+" sitn.") print ( 'eg. print ("Hello" + "word")) point ( "New lines can be created with a backslash and n.") Input bonetton:-How come as a user, can use share the obta? point ("what is your name?") what is your rame? Here it will display the statement, that we are giving inside the quote. Still how? - Input input (" what is your name?") 1, Lyprompt what is your name? ( ) corsor will be here to expecting? And form user. Print (Ittello' + input ('what is 4000 name?')) Hello Premarand Thonny IDE -> thonny, org K this loe helps us to understand stappy step Process virrouley in a better way) Comment: - completely ignored by the computer while Preceting - It helps as to orderstand the statement C+81+/= comment (00) #

Ex:-Inputs Point (inpot (112) point (input(1)) =) Jane Ben Doint (Inpot (1)) Tom Ken tonction len ( )
Let text in string Calculates no of characters in strings name = input ( ) (00) Point (en (inpot())) Point (len (name)) 88) Premanand Vonfables: -Proport ("what is your name?") So here use will be getting some answer from the user, but what is the use? where it get stored? if disappears! we cannot use the data tor the totore! name = input ("what is your name ?") premanand Variable point (name-Exp: You are writing some phone no of your triend, an a book, atter some months if you See the no, we can't remember without name 73586)9761 7?? Prem - 7358679961 Lyraviable name = "Anand" print (name) name : "Proem" 3 print (name)

Ex: Swapping the values a = inpo+ () b= inpot() C=a C = 29 a= b 0=41 D=0 b = 29 point ("a:"+a) Dont ( 16: 146) Naming Variable:-- make the code readable (instead of 9,6, name as name, age...) - no space between, if you need use -- hombers can be used but not beginning - don't use name of bonctions, requireds like point, input - case sensitive - Spelling mistake QU12: 1) which line of python coole is valid? Vag a = 12 X a=12 V a:12 x 12=ax (2) which is the bast variable hame too players! usernow) Pl user name = "Jackbauer" X 1-player\_username = "Jackbaver" x Player Lusername = "Jackbauer" ~ Plu = "fackbave" >

which black of code will produce an errors? too extra points, which type of error do you think it coill produce? time\_contil\_midnight = "5" point (There are " + time\_until\_baichight + " hours "C" tolling midnight" nom\_hours = "5" point ("Those are" + num\_hours + "hours until midnight") thre-until-midnight = 457 print ( "There are" + time\_until\_midnight + " hours until milly Project Band name generator: Print ( welcome to the Band name generator!) city = input ('which city you green up? In') pet = inpot ( what is the name of the pet? (n') proint (1 The Band name Ps + city + Pet)