Python test - 11/11/22. Dwhat are input and output functions, ans) input function provides some data to the program, whoreas output function provides data do display on screen on a file. a) what are variables; which are the rules for veoriable names? ans) variables are information storage unit which can be than referenced on changed inside the program. * variable name should start with alphabet or undersione. * it should only contain alpha numerie * doesn't short with digit * voorables one case sensitive (3) data types in python one) data lypis core used lo classify the data clems present una program. they represent some sund of value and and tells the program to perform operations regarding to the data. data types are it also contain Onumber built in data lypis like 3) tune unt, flout, chan ch. 3 tuple (4) lest 6) dictionary

which are the operacions is python? (vs) @ arithernatic @ relational 3 logical & compaouson. Belivise. arithematic operations are used for number as numerical values for performing must as numerical values like +, -, *, 1, % et comparison operators are used to perform comparison, of between operands.

if two operands are related the return well be I or else it will be o. ['>, L)=2, [2, 12, Zz, Zz] * logical operators core used lo perform boolean operation, returns either true or false * Assignment Operatoris: used to check whether the two operands are of some type. [=,+=,-=, ** *=,/=,%=, n= etc] * Bitwise operates used to update or perform changes to operands [Bluise AND, OR, XOR etc] The Extendition way was the construction of the construction napasani, maja njeno je najar. essis en la la companya de la compa

- Le execute statements.
- the control structures are used to specify
 the control flow of a program. control
 structures analyze the new flow of
 the program and finels a method
 bessed on the conditions provided in the
 program

there are mainly three types of control structures in python they are:

- 1) Break 2) continue 3) pars.
- Break: lerminals the loops block of statements and brings the program control out of the loop. break statements are mainly used in rested loops to lerminate the inner loop and to change the control to outer loop.
- 2) continue! skips the execution of current ileration of for loop or block of coele and moves the mogram to its next ileration,

(3) the pass statement is used when ue dont want lo execute a condition or a loop. a loop empty, it creates error pass statement. pass stalement-6) what is a python function related skalements which are speafed le perform a specific lasse. 1 unput and output function: unput function collect data to the program whereas output function provides data to clisplay as output or files (2) nangel): it relitions seconeme of runbers dy default it stants from 0 and interments. eg: renge (2,5): Hus renges from 2 lo 5 of the value range (2,\$0,3)! this shows the morement value of the range is 3 D'defference blu eighte and list. aus). both are the data types in python lest uses square brainets Jond luple uses parenthesis (). · lest is mutable where as luple is innutable.