unital

1. Define python.

Python is a high level, interpreter, interactive and object oriented, scripting language & dynamically typed language. Python is dosion highly readable. It uses english keywords. were as other languages Princtions and it has few syntatical constructions than other languages.

- 2. List of Python Applications.
 - * web development
 - & Game development
 - A sca entific and Numeric Application.
 - * Soft wore development.
 - * language development.
 - A Artifical inteligence & machine learning.
- I Assignment we cur python Assignment to object assign objects names.

 The torget of assignment name Statement is written on the left side stance),

 and the object on right side can be orbitary.
- and, as, aspert, break, class, elecif, print, return class, except, det, global.
- of 2 dentificasi

A python identifiers named to identify a variable, function, class mode 600 other object. An Identifier start with letter A to 2

6) Comment statement Comments in Python being with a hash mark (#) white speaces Charastics and continue to the end of the line. Because commants to do not execute, when you run a program you will not see any indication of the comments there. Comments are in source code for human read, not for computer to evicute. =) variable in python:variable is a reserved memory bacation to stone value. Inotherwords, a variable in Python program gives data to the 11) what are the rules for raming Computer for Processing.

8) feactures of Python. * casy to read * casy to witearn * fasy to maintain * Portable * Data base

* variable Name cannot start with underscore * white speaces are not allowed. * Do not use variable names that consist at single character.

9 python Inter-Preter -Python is processed at runtime by the interpretor. you don't need to compile your program before executing it. this is similar Perl & PHP.

what are the Rules for writing on identifier, * An Identifier sant with digit * key words cannot be used as identifier.

of we cannot in special symbol like I, Q, The Scanned with Cambo

I) list the data-types in Python.

* Numbers.

& strings

* Tople

d List

* Boolen

* set

* Dictionary.

3) what are the operators in python:-

* Arthimetic operator

+ comparison operator

at Assignment operator

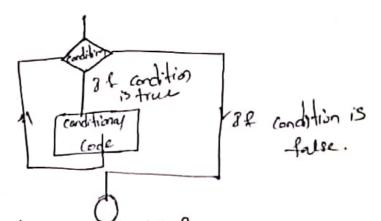
* logical operata.

* Bitaise operator

* nembership operator

* Identity operator

3 Define while loop. The while statement in Python programing language repeatedly executes a target statement agiven condition is True.



y) whatis ment by conditional If!

The if statement is used to control the program flow ina python Program. This makes it possible to decide at runtime whether cortain programs parts should be executed or not.

REDMI NOTE 7 PR

2021/8

s. Define string. Rive example.

A string in a python sequence of character. Etis derive & from datatyp. stringis immutable.

1. gwaping of two Numbers.

メーラ y 210 -temp2 x Xon

ystemp

Print ('The value of se after swarpping') print (the valued y after swaping)

7) Python Numbers

Number data type stores Numeric value. Number objects are created when you assign value of them.

> # 10/ 4 float * complex

3) Arthemetic operator

some basic operators one +1, -1, 1, 7, 90. you can apply these operators as well as perform corresponding operating

a) Syntaxquesige of for loop

A for loop is used for iterating over a sequence other is either alist a tople, a dictorrow, asset or string). this is less like the for keyword in other Programing largue for (120; iln; i+1).