10. What are modered and packages in python?

* Modules: Modules howling a single cooled and single file well between J. Py Exp: import math

x = L= 25, 25

pront (x. Moth

Y = Math. Sq. r [x] print (y)

* packages: package is a multiple Modulg. la north group of cools with extention of

3. vehat one list and tuple he pythop.

List: List is an mutable witch mean in List use can cerange values flexibles using diffrent data type [Pent, bloat, book)

 $Ex: \chi = tuple (0, 1, 2, 3)$

4. what one the Common built-in data types for python.

There one 7 builten datatypes

2. Numbri 6 3. List C'int, floot, complex) 5. Set 6. Trange 1. none

4. Tuple

7. Storna P. dictionores.

Python is a Interpreted Laurguage westch Cricutes coole Une by Line.

6. Python Aroungs and list?

Agoraey List

* Agrony has One démintioned & Ont List has only true déminer benal single déminérations

* In list it allows noutifple data to per it at a time * Arroy of allowing Duly One data type at a

He have to long of the Agnay Lib narry

+ Ex: from array Emport ** x = array ([0,1,2,3))} * But in list

x = list[0,1.2,a)

8. Break, Continue, Pass.

By eak: Break Statement mornly used in loop or if Condition, when we set particular stage in that stage Safirfied, in that movement, when applying break Statement if will stope the loop and point the value.

Ex: if n = - 2:3

point (2)

break

n = n+1

Continue: If well continue the Loop welling

If Statement Star Satiffied and

If won't pount the particular

condition: n=1.2,3,4

Exp

If I = N = = 3

pount (inot avilable)

continue

n=n+1

output
1,2,4

* pals:

the pass is a slupple Statment to pass code iteration to the mext line.

TEXP: 12 n = = 4 0,1,2,3,4.

n=n+1 print (0,1,2,3,4)

12. What are Negative Endexis.

when me Assigning a value En the Varial -le: each 1.9 has its Ender Value in Some pericelar dota-types en list, set Values survived manner.

-14

-43

-2-1

Smart Enovations

0 1 23 4 56 78 9 101121314

* = x[-1] -> Here it wille fifth

Lost charectore of

V=x[-1::)

Value Strung.

[start: Stop: Step] (1:5:2

12345

