A Rythan A



wheel are the types of Applications!

There is 4 types of Applications. (i) Descriptive Onelytics (What huppened?) (ii) Diagnotics Analytics, (why did it huppened?) (i)i) préclictive Analytics (What will huppen) (iv) Presuiptive Analytics (what should we do?). 2). wheel is programming to perform tasks on solve problems. 3) what is python?

Pythen is an interpreted, object oriented, high-level Prugramminy language ulita dynamic semutics. How memory is moneged in python?

Spythen automatically memory references

Counting to face unused objects and garbage cullection

to hundle cyclic references. 8) Whil is the purpose continuing steetement in python? It continues with the next iteraction of the loop. its for tiltering on shipping specific deuter paints during 17) Wheil are negative indexing met why are truly used? Negative inclessing allows accessing elements in sequence from the end: the end without culculating length of the sequence



What is list? How will you reverse a list?

Al list is orteclered; mutuble cultertion of items that

can storte element of different data types.

We can reverse a list using built in function

coelled list reverseix.

Date ___/. __/

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26) How will you remove lust object from a list?

We can remove bust object from list ruing . POPC)

method.

27) Suppose (ist 1 is [2,33,222,14,25] while is list [-1]

Dist [-1] = (25]

28) Differentiate between append () and extend () methods!

Using append () method we can add element to the or and using extend () method we can add multiple element

30) How will you compare two list?

We can compare two lists using comparison aperedous 43) What is tuple a Difference between list and tuple

Truple is cardered, immutable, callection of items.

- Difference between tuple and lists are the tuples are immutable and tuples use parenthesse white list uses square brackets.

How will you creete a dictionary using tuples in pythe We can (result a dictionary using tuple à by using dict () constructor.

Page No.

| Date / / | |
|---|-------------|
| Date | |
| 51). How do you Truvese twough a dictionary object in a pythem ! | |
| | |
| pythem! | |
| pythem! We can't Trawese through keys using -'dict.keys()' we can Traverse Through Values and we can traverse through both key & value using key. dict. items ()' | |
| we can truverse Thronge Yallyes | |
| - and we can truverse throug both key & value warry | |
| And the condition of | |
| dict. Dems () | |
| 52) How do you check the presence of a key its Dictionary We can check the presence of a key in dictionary resing membership aperatars. | |
| 521 How do you check the puesence of a key on with | |
| who can alread the puesense of a key in dictionary | |
| We cert creek with posterior | |
| using membership operators. | |
| | |
| (1) Haw many Basin types of functions are available in | |
| 65) How sharing west of | |
| 65) How many Basic types of functions are available in python? | |
| There are two types of functions are available in | - |
| There are two types of functions are available in | - |
| | ١ |
| ->(i) Built in function | 1 |
| -> (ii) User defined function. | + |
| | |
| The first of the first of the second | , |
| +1) What is a file functions in pytion? What are keyword to creete and write a file? | |
| to creete and write a file? | _ |
| File functions provide the tools to interest with files | |
| The funding power is the look of the see with fixes | |
| on your system. - 'W'(write) -> it creates file ar and apens of far write - 'k'(peard) | _ |
| - 'W' (write) - it creates tile or mal opens of tran white | |
| - ' B' (Day) | |
| - 'R' (Peerd) | _ |
| | |
| 83) Replain Exception boundling 2 and die | |
| expected exception runaring which is on evices in pyris | 7 |
| It is a mechanism their allows you to greenfully manage | |
| enners on smexpected exents to the | |
| 83) Explain Exception handling? what is an everes in pytos It is a mechanism that allows you to gracefully manage every on unexpected events that occure during the | _ |
| CACCATION OF POLOGICATE. | |
| It beginst long brown a la fillia | |
| or produce to getting cross | en a delete |
| By using this you can autch encours mel low deteriled | |
| It prevents your programme to getting crush By using this you can cutch enrury met log detailed | |
| | |



Experimentation of problem their presents your programme from surming connectly.

84) How memy except stictement con a dry except block hours? Nome some built exception class.

Tong except block have one can make them one except statement as mony as you need.

- (6) Zero Division Europe 2001

(IV) Type Enorce (CV)-Watue Errias Noviem) in manife and I have the

St will excute only if the try block completes unitrous exception

86) (cm come block of except studement handle multiple exception yes one block of except studement handle multiple except

37) tilher is the finally block excuted.

The well always execute ashether evorcer receise as not.

28) Which heppens when, 1'== J is executed?

it will only excuts when the file is sum directly and does not execute if the file is importal as a mode

the factions where a finite second be majornal.



(in python? Explain with widding snippet.

try block: contains code theet might raise on exception.

Except block(a): This block cutches and handle specific evror. that occur in try block

Finally block: this block centains code that will always execute. It's used for clean up operations.