

Q-1 what is file function in python ? what is keywords to create and write file.

The file function allows the makefile to write to or read from a file.

X- is for create the file

W or A – is for writing in the file.

Q-2 Explain Exception handling ? What is an error in python ?

Exception handling is the process of responding to unwanted or unexpected events when

A computer program run. Exception handling deals with these events to avoid the program

Or system crashing, and without this process exception would disrupt the normal operation

Of a program. Errors are problems that occur in the program due to an illegal operation performed by the user or by the fault of a programmer. Which halts the normal flow of the program.

Errors are also termed bugs or faults.

Q-3 How many except statements can a try-except block have? Name some built-in exception classes:

You can have multiple try-except block in a program but only one except statement with each Try block. ImportError , KeyError, KeyboardInterrupt...

Q-4 when will the else part of try-except -else be executed?

The else part of a try-except block is executed when there are no exception raised in the try Block. It is like a fallback option for when the try block runs successfully without any errors .

Q-5 can one block of except statements handle multiple exception ?

Yes, a single block of except statements in python can handle multiple exception. This feature Allows you to handle different types of exception using a single block of code.

Q-6 what is the finally block executed?

a finally block always executes, regardless of whether an exception is thrown. The following code example uses a try / catch an Argument out of range exception. The main method creates two arrays attempts to copy one to the other.

Q-7 What happens when , 1==1 is executed?

we get a false

Q-8 What are oops concepts? Is multiple inheritance supported in java

Object oriented programming, also known as oops concepts In python, is what lets us develop Application using an object-oriented approach it does so by clubbing together similar or related behaviours and properties and converting them into objects. Java doesn't support multiple support multiple inheritances in classes.

Q-9 what is instantiation in terms of OOP terminology?

Instantiation refers to creating an object/instance for a class.

Q-10 what is used to check whether an object o is an instance of class A?

Python isinstance()

The isinstance() function checks if the object (first argument) is an instance or subclass of classinfo class (second argument).

Q-11 What relationship is appropriate for course and faculty?

A faculty is teaching many different subject to many students from many different classes.

Ex= A teacher is teaching a subject to a class but that same teacher is teaching another subject To another class.

Q-12 What relationship is appropriate for student and person?

The term "student" and "Person" are quite broad, and the appropriate relationship between Them depends entirely on the specific context like student-teacher, student-family member.

