

10

what is class in python? what is self?  
give an example of Python class  
class is a collection of data members  
and member function

self:- This is used to define that object  
or properties is of this class

example of class

class Addition

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what is instantiation in terms of OOP  
terminology?

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Instantiation refers to creation of  
object in an object oriented programming

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what is used to check whether an  
object is an instance of class A?  
the instance () function return True if  
the specified object is of the specific  
type otherwise false

7 what happens when  $\frac{1}{0}$  is executed?  
A It simply evaluates to false statement  
and does not raise any exception.

8 How do you handle exception with  
try / Except / Finally in python?  
A Try: Here you can test any  
error occurs

except: It can find out error and handle  
the error

else: If there is no exception then block  
will execute.

Finally: It will always occur if  
there is exception or not

9 what are oops concept? Is multiple  
inheritance supported in Java?  
Object oriented programming is away  
of computer programming using the  
idea of "Object" to represent data  
and method. Object is an instance or  
variable of a class. No multiple inheritance  
in Java does not support.

A try block except statement can have some built-in exception classes.

These have to be at least one except statement.

Some built-in exception classes are

- ① Syntax error
- ② Name error
- ③ Type error

5 When will the else part of try-except else be executed?

A The else part is executed when no exception occurs.

5 Can one block of except statement handle multiple exception?

A Yes one block of except statement handles multiple exception.

6 When is the finally block occur?  
A Finally block is always get executed whether the exception occurred or not it an exception occurs like closing a file or DB connection then the finally block is used to clean up the code.

1 what is file function in python?  
A It is keyword to create and write file.  
In python, file operations are for reading and writing data to file and they play a crucial role in data manipulation, analysis, and storage. we can create, read and write file using python.

The keyword to create file is "x" and the keyword to write file is "w".

2 Explain exception handling? what is error in python?

A Exception handling allows you to separate error-handling code from normal code. An exception is a python object which represent an error. As with code comment, exception help you to remind yourself of what the program expects. Exception which is handle by try and except block and the process is known as exception handling. Error are problems that occur in the program due to an illegal operation performed by the user or by the built-in a program which halts the normal flow of the program.