

assignment-01

question=01

who developed python language?guido van rossum

question=02

which type of programming does python support?object oriented programming and structured programming

question=03

is python case sensitive when dealing with identifiers?

yes, python is case sensitive when dealing with identifiers.

question=04

what is the correct extension of python file?.py,.pyi

question=05

is python code compiled or interpreted?interpreted

question=06

name a few blocks of code used to define in python language?a module,a function body and a class definition

question=07

<https://purple-waiter-jeyt,pwskills.app/lab/tree/work/Untitled3.ipynb>

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question=14

how is memory managed in python?python involves a private heap containing all python objects and data structures.

question=15

how to install python on windows and set path variable?1.right clicking This PC and going to properties. 2.clicking on the advanced system setting in the menu on the left. 3.clicking on the environment variable button on the bottom right. 4.in the system variables section,selecting the path variable and clicking on edit,the next screen will show all the directories that are currently a part of the path variable. 5.clicking on new and entering python's install directory.

question=16

is indentation required in python?yes

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state a character used to give single line comments in python? by using a single # character before any statement or line of code.

question=08

mention function which can help us to find the version of python that we are currently working on?

function sys.version

question=09

python support the creation of anonymous function at runtime,using a construct called

lambda

question=10

what does pip stand for python?preferred installer program

question=11

mention a few built-in function in python?float() int() str()

question=12

what is the maximum possible length of an identifier in python? 79 characters

question=13

what are the benefits of using python?1> python is not a time consuming language. 2> It has many libraries. 3> It has open source anyone can solve the problems of python.

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