

Python Job Interview Questions And Answers



Interview Questions Answers

<http://interviewquestionsanswers.org/>

About Interview Questions Answers

Interview Questions Answers . ORG is an interview preparation guide of thousands of Job Interview Questions And Answers, Job Interviews are always stressful even for job seekers who have gone on countless interviews. The best way to reduce the stress is to be prepared for your job interview. Take the time to review the standard interview questions you will most likely be asked. These interview questions and answers on Python will help you strengthen your technical skills, prepare for the interviews and quickly revise the concepts.

If you find any **question or answer** is incorrect or incomplete then you can **submit your question or answer** directly with out any registration or login at our website. You just need to visit [Python Interview Questions And Answers](#) to add your answer click on the *Submit Your Answer* links on the website; with each question to post your answer, if you want to ask any question then you will have a link *Submit Your Question*; that's will add your question in Python category. To ensure quality, each submission is checked by our team, before it becomes live. This [Python Interview preparation PDF](#) was generated at **Saturday 4th February, 2017**

You can follow us on FaceBook for latest Jobs, Updates and other interviews material.
www.facebook.com/InterviewQuestionsAnswers.Org

Follow us on Twitter for latest Jobs and interview preparation guides.
<http://twitter.com/InterviewQA>

If you need any further assistance or have queries regarding this document or its material or any of other inquiry, please do not hesitate to contact us.
<http://interviewquestionsanswers.org/Contact-Us>

Best Of Luck.

Interview Questions Answers.ORG Team
<http://InterviewQuestionsAnswers.ORG/>
Support@InterviewQuestionsAnswers.ORG



Python Interview Questions And Answers Guide.

Question - 1:

What is the optional statement used in a try except statement in Python?

Ans:

There are two optional clauses used in try except statements:

1. Else clause: It is useful for code that must be executed when the try block does not create any exception
2. Finally clause: It is useful for code that must be executed irrespective of whether an exception is generated or not.

[View All Answers](#)

Question - 2:

What is used to create Unicode string in Python?

Ans:

Add u before the string

```
>>> u 'test'
```

[View All Answers](#)

Question - 3:

What are the uses of List Comprehensions feature of Python?

Ans:

List comprehensions help to create and manage lists in a simpler and clearer way than using map(), filter() and lambda. Each list comprehension consists of an expression followed by a clause, then zero or more for or if clauses.

[View All Answers](#)

Question - 4:

What is all the operating system that Python can run on?

Ans:

Python can run on every operating system like UNIX/LINUX, Mac, Windows, and others.

[View All Answers](#)

Question - 5:

What is the statement that can be used in Python if a statement is required syntactically but the program requires no action?

Ans:

Pass is a no-operation/action statement in python

If we want to load a module and if it does not exist, let us not bother, let us try to do other task. The following example demonstrates that.

Try:

```
Import module1
```

Except:

```
Pass
```

[View All Answers](#)

Question - 6:

How is the Implementation of Python's dictionaries done?

Ans:

Using curly brackets -> {}

E.g.: {'a':123, 'b':456}

[View All Answers](#)

**Question - 7:**

Does python support switch or case statement in Python? If not what is the reason for the same?

Ans:

No. You can use multiple if-else, as there is no need for this.

[View All Answers](#)

Question - 8:

What is the method does join() in python belong?

Ans:

String method

[View All Answers](#)

Question - 9:

What is the Java implementation of Python popularly known as?

Ans:

Jython

[View All Answers](#)

Question - 10:

What is the language from which Python has got its features or derived its features?

Ans:

Most of the object oriented programming languages to name a few are C++, CLISP and Java is the language from which Python has got its features or derived its features.

[View All Answers](#)

Question - 11:

What are the disadvantages of the Python programming language?

Ans:

One of the disadvantages of the Python programming language is it is not suited for fast and memory intensive tasks.

[View All Answers](#)

Question - 12:

Why is not all memory freed when Python exits?

Ans:

Objects referenced from the global namespaces of Python modules are not always de-allocated when Python exits. This may happen if there are circular references. There are also certain bits of memory that are allocated by the C library that are impossible to free (e.g. a tool like the one Purify will complain about these). Python is, however, aggressive about cleaning up memory on exit and does try to destroy every single object.

If you want to force Python to delete certain things on de-allocation, you can use the at exit module to register one or more exit functions to handle those deletions.

[View All Answers](#)

Question - 13:

Does Python support strongly for regular expressions? What are the other languages that support strongly for regular expressions?

Ans:

Yes, python strongly support regular expression. Other languages supporting regular expressions are: Delphi, Java, Java script, .NET, Perl, Php, Posix, python, Ruby, Tcl, Visual Basic, XML schema, VB script, Visual Basic 6.

[View All Answers](#)

Question - 14:

Why was the language called as Python?

Ans:

At the same time he began implementing Python, Guido van Rossum was also reading the published scripts from "Monty Python's Flying Circus" (a BBC comedy series from the seventies, in the unlikely case you didn't know). It occurred to him that he needed a name that was short, unique, and slightly mysterious, so he decided to call the language Python.

[View All Answers](#)

Question - 15:

Which of the languages does Python resemble in its class syntax?

Ans:

C++ is the appropriate language that Python resemble in its class syntax.

[View All Answers](#)

Question - 16:



How is memory managed in Python?

Ans:

Memory is managed through private heaps. Private heap is managed by python memory manager.

[View All Answers](#)

Question - 17:

Why cannot lambda forms in Python contain statements?

Ans:

A lambda statement is used to create new function objects and then return them at runtime that is why lambda forms in Python did not contain statement.

[View All Answers](#)

Question - 18:

Who created the Python programming language?

Ans:

Python programming language was created by Guido van Rossum.

[View All Answers](#)

Question - 19:

What is used to represent Strings in Python? Is double quotes used for String representation or single quotes used for String representation in Python?

Ans:

Using Single Quotes (')

You can specify strings using single quotes such as 'Quote me on this'. All white space i.e. spaces and tabs are preserved as-is.

Using Double Quotes (")

Strings in double quotes work exactly the same way as strings in single quotes. An example is "What's your name?"

Using Triple Quotes (''' or ''')

You can specify multi-line strings using triple quotes. You can use single quotes and double quotes freely within the triple quotes. An example is

'''This is a multi-line string. This is the first line.

This is the second line.

"What's your name?," I asked.

He said "Bond, James Bond."

[View All Answers](#)

Question - 20:

Do they know a tuple/list/dict when they see it?

Ans:

Dictionaries are consisting of pair of keys and values like {'key': 'value'}.

```
book={'cprog':1024,'c++':4512}
```

Keys are unique but values can be same. The main difference between list and tuple is you can change the list but you cannot change the tuple. Tuple can be used as keys in mapping where list is not.

[View All Answers](#)

Question - 21:

When do you use list vs. tuple vs. dictionary vs. set?

Ans:

List and Tuple are both ordered containers. If you want an ordered container of constant elements use tuple as tuples are immutable objects.

[View All Answers](#)

Question - 22:

When you need ordered container of things, which will be manipulated, use lists.

Ans:

Dictionary is key, value pair container and hence is not ordered. Use it when you need fast access to elements, not in ordered fashion. Lists are indexed and index of the list cannot be "string" e.g. list ['myelement'] is not a valid statement in python.

[View All Answers](#)

Question - 23:

What are uses of lambda?

Ans:

It used to create small anonymous functions at run time. Like e.g.

```
def fun1(x):
```

```
    return x**2
```

```
print fun1(2)
```

it gives you answer 4

the same thing can be done using

```
sq=lambda x: x**2
```

```
print sq(2)
```



it gives the answer 4

[View All Answers](#)

Question - 24:

Is python the right choice for Web based Programming?

Ans:

Python is another open source programming that has become popular for creating web-related applications and large programs. Scripts written in Python are often very clear to read; the language is also known for its flexibility. Whether you are looking for database tools, image manipulation scripts, or something else entirely, if it is written in Python, you will find it here.

[View All Answers](#)

Question - 25:

What is python?

Ans:

Python is an open source language that is getting a lot of attention from the market.

- 1) Created by: Guido van Rossum nearly 11 years ago
- 2) Python is an interpreted, high-level programming language, pure object-oriented and powerful server-side scripting language for the Web.
- 3) Python is a good prototype language. In just a few minutes, you can develop prototypes that would take you several hours in other languages.

[View All Answers](#)

Computer Programming Most Popular & Related Interview Guides

- 1 : [Software engineering Interview Questions and Answers.](#)
- 2 : [CGI Programming Interview Questions and Answers.](#)
- 3 : [CGI Perl Interview Questions and Answers.](#)
- 4 : [OOP Interview Questions and Answers.](#)
- 5 : [PHP Interview Questions and Answers.](#)
- 6 : [TCL \(Tool Command Language\) Interview Questions and Answers.](#)
- 7 : [Visual Basic \(VB\) Interview Questions and Answers.](#)
- 8 : [Perl Programming Interview Questions and Answers.](#)
- 9 : [Assembly Interview Questions and Answers.](#)
- 10 : [Microsoft Foundation Class \(MFC\) Interview Questions and Answers.](#)

Follow us on FaceBook

www.facebook.com/InterviewQuestionsAnswers.Org

Follow us on Twitter

<http://twitter.com/InterviewQA>

For any inquiry please do not hesitate to contact us.

<http://interviewquestionsanswers.org/Contact-Us>

Interview Questions Answers.ORG Team

[http://InterviewQuestionsAnswers.ORG/
support@InterviewQuestionsAnswers.ORG](http://InterviewQuestionsAnswers.ORG/support@InterviewQuestionsAnswers.ORG)