

Python Interview Questions

- 1) What is python? Who developed python?
- 2) What are the key features of python?
- 3) What is a collection in python?
- 4) Explain difference between list and tuple
- 5) What is the namespace in python?
- 6) What is meaning of mutable and immutable
- 7) What is the lambda function in python?
- 8) When do we use a pass statement?
- 9) What is slicing?
- 10) How to get the last character from string in python?
- 11) Explain extend() and append() in python
- 12) How to find no. of elements in a list?
- 13) What is the meaning of negative index in python?
- 14) Explain range() function in python ?
- 15) What are the rules for local and global variables in python?
- 16) Explain categories of functions in python
- 17) What is the use of format function in python?
- 18) Explain how you can access a module in Python?
- 19) Explain the use of // operator in python?
- 20) What is the use of split function in python?
- 21) What is a keyword and how many keywords are available in python ?
- 22) What is PEP 8 ?
- 23) How to check which version of python is installed in the system?
- 24) What is a list constructor?

- 25) What is slicing?
- 26) How will you capitalize the first letter of a string?
- 27) How to sort a list?
- 28) What is the function? difference between function and method
- 29) What are the datatypes in python?
- 30) What is a list comprehension python?
- 31) What is a dictionary in python?
- 32) What is `__pycache__` ?
- 33) How to find all keywords in python?
- 34) Explain the difference between `del` , `remove` and `pop` in list ?
- 35) Difference between **from** and **import** in python
- 36) What is the use of `yield`?
- 37) How to get a current date?
- 38) What is meaning of OOPs
- 39) Which function is used to get all attributes of a module?
- 40) Explain class and object in python.
- 41) What is `__init__` in python?
- 42) What is the main purpose of polymorphism in python?
- 43) How can we restrict access to methods and attributes?
- 44) What is a constructor in python ?
- 45) What is the `zip()` function in python ?
- 46) How to create an empty class ?
- 47) What is `pip` ?
- 48) How to create a package?
- 49) Is python platform independent?
- 50) Difference between python 2 and python 3
- 51) Which tools python uses for finding bugs?
- 52) How to create a new file using python?
- 53) Types of inheritance in python
- 54) Default datatype of input function
- 55) What is an exception in python?
- 56) What are The Benefits and Downsides of the python Programming Language

Django Framework

- 1) What is Django
- 2) Difference between django and flask?
- 3) Which architectural pattern does Django follow?
- 4) What is admin.py and what is the django admin interface?
- 5) Difference between MVT and MVC ?
- 6) What is a model in django ?
- 7) What is main use of manage.py
- 8) What are migrations in django ?
- 9) Where do we write business logic in django ?
- 10) What is the use of urls.py ?
- 11) What is the use of include function in urls.py ?
- 12) Why is Django called a loosely coupled framework
- 13) What is the Django rest framework?
- 14) Explain the importance of settings.py and what it contains?
- 15) What is ORM ?
- 16) What is the render() function in django ?
- 17) What is Jinja Templating?
- 18) Why is django better than flask ?
- 19) Explain user authentication in Django?
- 20) Explain Middleware in Django .
- 21) What is static in django ?
- 22) Explain django session.
- 23) What are templates ?
- 24) Explain Difference between project and apps
- 25) How to view and filter items from the database?
- 26) What do you mean by the csrf_token?