

Python Programming Review Questions

- What are IDLE usability features?
- Explain about keywords used in Python.
- What are 4 built-in numeric data types in Python? Explain.
- Describe Python jump statements with examples.
- Explain in detail about dictionaries in Python.
- Discuss about tuples in Python.
- Describe anonymous functions examples.
- Why to use modules? How to structure a program?
- Explain creating classes in Python with examples.
- Define error and exception. Distinguish between these two features.
- Why testing is required? Explain in detail.
- Explain the following: i) Calendar module ii) Synchronizing threads
- Discuss about variables and assignments.
- Explain about IDLE startup details.
- What are Python assignment operators? Explain.
- Explain about iteration statements with examples.
- Discuss about immutable constraints and frozen sets.
- What are built-in dictionary functions? Explain. (7M)
- Distinguish between local and global variables with examples.
- Briefly, discuss Python packages.
- Explain about handling an exception.
- Describe data hiding and constructors.
- Explain about writing test cases and running tests.
- Explain the following: i) TopLevel widgets ii) Scale widget