



PYTHON

INTERVIEW

QUESTIONS





How do you create a dictionary which can preserve the order of pairs?

- Unlike Python list, dictionary in Python does not preserve the order of the <name, value> pairs. You can not access the elements in the Dictionary by its index.
- Python 2.7 and onwards have introduced the OrderedDict module which can be found in collections.
- Here is a sample code for creating an ordered dictionary which preserves the order of the pairs based on the insertion

```
from collections import OrderedDict
dictEmp = OrderedDict([('emp':122),('org':'Google')])
dictEmp.items()
```

Output : [('emp':122),('org':'Google')]



What is Web Scraping? How do you achieve it in Python?

- If you are applying for job-related to data analytics or web scraping, there are multiple questions you will be asked to answer.
 - What is web scraping?
 - Explain Web Scraping Procedure.
 - What are the preferred programming languages for web scrapping?
 - Give an example of web scraping you worked on.
 - What are the Python libraries you have used for web scrapping?
 - What is the purpose of the request module in Python?



Explain the use of “with” statement in Python?

- The “with” statement is used while opening the file. Using the “with” statement gives us better syntax and exception handling.
- Though “with” statement is optional, looking at the benefits of it, it has been standard practice using it.
- You can open files with or without ‘with’ keyword. When you use ‘with’, you don’t need to close the file descriptor object manually. It will get deleted as soon as control goes out of ‘with’ block.

**FOLLOW
CSESTACK
FOR MORE
UPDATES**