**Question :1 Why do we use Pythonstartup environment variable?**

**Answer:**We use the Pythonstartup environment variable because it consists of the path in which the initialization file carrying Python source code can be executed to start the interpreter.

**Question:2 What is the Pythoncaseok environment variable?**

**Answer:**Pythoncaseok environment variable is applied in Windows with the purpose to direct Python to find the first case insensitive match in an import statement.

**Question:3 What are the supported standard data types in Python?**

**Answer:**The supported standard data types in Python include the following.

1. List.
2. Number.
3. String.
4. Dictionary.
5. Tuples.

**Question:4 Define tuples in Python?**

**Answer:**Tuples is a sequence data type in Python. The number of values in tuples are separated by commas.

**Question:5 What is the major difference between tuples and lists in Python?**

**Answer:**There are several major differences between tuples and lists in Python, which include the following:

**Answer:**There are several major differences between tuples and lists in Python, which include the following:

|  |  |
| --- | --- |
| **Tuples** | **Lists** |
| Tuples are similar to a list, but they are enclosed within parenthesis, unlike the list. | The list is used to create a sequence. |
| The element and size can be changed. | The element and size cannot be changed. |
| They cannot be updated. | They can be updated. |
| They act as read-only lists. | They act as a changeable list. |
| Tuples are surrounded by ( ) | Lists are surrounded by [ ] |

#### **Question 6: What are the positive and negative indices?**

#### **Question 7: What can be the length of the identifier in Python?**

#### **Question 8: What can be the length of the identifier in Python?**

#### **Question 9: What are the limitations of Python?**

**Question10: Do runtime errors exist in Python? Give an example?**

#### ****Question11: Explain Python?****

#### ****Question12: What are the distinct features of Python?****

#### ****Question13: What is Pythonpath?****

#### ****Question14: Can we preset Pythonpath?****

#### ****Question15: Why do we use Pythonstartup environment variable?****

#### ****Question16: What is the Pythoncaseok environment variable?****

#### ****Question17: What are the limitations of Python?****

#### ****Question18: Do runtime errors exist in Python? Give an example?****

#### ****Question19: Can we reverse a list in Python?****

#### ****Question20: Why do we need a break in Python?****

#### ****Question21: Why do we need a continue in Python?****

#### ****Question22: Can we use a break and continue together in Python? How?****

#### ****Question24: Does Python support an intrinsic do-while loop?****

#### ****Question25: Why do we need membership operators in Python?****