List of Python Unittest Assert Methods

- **assertEqual()-** Tests that the two arguments are equal in value.
- **assertNotEqual()-** Tests that the two arguments are unequal in value.
- **assertTrue()-** Tests that the argument has a Boolean value of True.
- **assertFalse()-** Tests that the argument has a Boolean value of False.
- **assertIs()-** Tests that the arguments evaluate to the same object.
- **assertIsNot()-** Tests that the arguments do not evaluate to the same object.
- **assertIsNone()-** Tests that the argument evaluates to none.
- **assertIsNotNone()-** Tests that the argument does not evaluate to none.
- **assertIn()-** Tests that the first argument is in the second.
- **assertNotIn()-** Tests that the first argument is not in the second.
- **assertIsInstance()-** Tests that the first argument (object) is an instance of the second (class).
- **assertRaises()-** Tests that Python raises an exception when we call the callable with positional/ keyword arguments we also passed to this method.
- **assertRaisesRegex()-** Tests that regex matches on the string representation of the exception raised; similar to assertRaises().
- **assertWarns()-** Tests that Python triggers a warning when we call the callable with positional/ keyword arguments we also passed to this method.
- **assertWarnsRegex()-** Tests that regex matches on the message for the triggered warning; similar to assertWarns().
- **assertLogs()-** Tests that Python has logged at least one message on the logger or a child of the logger; ensures this is with at least the level we mention.
- **assertAlmostEqual()-** Tests that the first and second arguments have approximately equal values.
- **assertNotAlmostEqual()-** Tests that the first and second arguments do not have approximately equal values.
- **assertGreater()-** Tests that the first argument is greater than the second.
- **assertGreaterEqual()-** Tests that the first argument is greater than or equal to the second.
- **assertLess()-** Tests that the first argument is lesser than the second.
- **assertLessEqual()-** Tests that the first argument is lesser than or equal to the second.
- **assertRegex()-** Tests that a regex search matches the text.
- **assertNotRegex()-** Tests that a regex search does not match the text.
- **assertCountEqual()-** Tests that the first argument, which is a sequence, contains the same as does the second.
- **assertMultiLineEqual()-** Tests that the first argument, which is a multiline string, is equal to the second.
- **assertSequenceEqual()-** Tests that two sequences are equal.
- **assertListEqual()-** Tests that two lists are equal.
- **assertTupleEqual()-** Tests that two lists are equal.
- **assertSetEqual()-** Tests that two sets are equal.
- **assertDictEqual()-** Tests that two dictionaries are equal.