1. Differentiate between lists and tuples:

List is mutable and tuple is immutable.

1. Is Python case-sensitive?

Python is case-sensitive. It cares about lowercase or uppercase words.

1. How long can an identifier be in Python?

It can be of 79 characters.

1. What is the pass statement in Python?

Sometimes in our code we haven’t decided what to do yet, but we must type something for it to be syntactically correct. In such case we use Pass statement.

1. What are the 3 keywords used for conditional execution?

If else if

1. What operator returns the remainder of a division?

%

1. How do you cast num\_1 from a string to an int?

num\_1 = int(num\_1)

1. Which statement is used inside a loop to skip the rest of the code for the current iteration, so execution can continue with the next iteration?

Continue

1. Which Python statement is used to bring control out of the current loop?

Break

1. What keyword is used for looping?

For

1. What is the difference between for loop and while loop?

For loop is used when you know how many times the loop needs to be repeated or executed while in while loop you don’t know how many times the loop needs to be repeated.

1. What are local variables and global variables in Python?

Variables declared outside a function is called global variables. These variables can be accessed by any function in the program.

Local variables are variables declared inside a function. This variable is present in the local space and not in the global space.

1. What is type conversion in Python?

Type conversion refers to the conversion of one data type into another.

1. What are functions in python?

Functions are a block of code which is executed only when it is called.

1. What does [::-1] do?

It is used to reverse the order of an array or a sequence.

1. How do you write comments in Pythons?

By using the character #.

1. How to import modules in Python?

By using the keyword import.

1. What is a docstring?

A docstring is a documentation string that we use to explain what a construct does. We place it as the first thing under a function, class, or a method, to describe what it does. We declare a docstring using three sets of single or double quotes.

1. How do you take input in Python?

For taking input from the user, we have the function input ()

1. What is recursion?

When a function makes a call to itself.