* Overview of sys
* Reading arguments

1. What is Python?

a) A high-level programming language

b) A database management system

c) An operating system

d) A web server

Answer: a) A high-level programming language

1. What is the syntax to print “Hello, World!” in Python?

a) print “Hello, World!”

b) print(Hello, World!)

c) print(“Hello, World!”)

d) print(“Hello, World!)

Answer: c) print(“Hello, World!”)

1. What is sys.argv used for in Python?

a) It is used to display system information

b) It is used to read command-line arguments

c) It is used to read environment variables

d) It is used to read file paths

Answer: b) It is used to read command-line arguments

1. What is the command to run a Python program with arguments?

a) python program.py arguments

b) program.py arguments

c) run program.py arguments

d) None of the above

Answer: a) python program.py arguments

1. Which symbol is used for single-line comments in Python?

a) #

b) ###

c) /

d) ///

Answer: a) #

1. Which of the following is not a valid variable name in Python?

a) my\_variable

b) myVariable

c) my-variable

d) MyVariable

Answer: c) my-variable

1. What is the output of the following code?

| x = 5 y = "5" print(x + y) |
| --- |

a) 10

b) 55

c) “55”

d) TypeError

Answer: d) TypeError

1. What is the output of the following code?

| my\_list = [1, 2, 3, 4, 5] print(my\_list[2:4]) |
| --- |

a) [1, 2]

b) [2, 3]

c) [3, 4]

d) [3, 4, 5]

Answer: c) [3, 4]

1. What is the output of the following code?

| for i in range(5):  if i == 3:  break  print(i) |
| --- |

a) 1 2

b) 0 1 2 3

c) 1 2 3

d) 0 1 2

Answer: d) 0 1 2

1. What is the output of the following code?

| my\_dict = {"apple": 1, "banana": 2, "orange": 3}  for key in my\_dict:  print(key) |
| --- |

a) 1 2 3

b) apple banana orange

c) ("apple", 1) ("banana", 2) ("orange", 3)

d) ["apple", "banana", "orange"]

Answer: b) apple banana orange