1. What will be the output of the following python code?

a = [10, 23, 56, [78]]

b = list(a)

a [3] [0] = 95

a[1] = 34

print(b)

1. [10, 34, 56, [95]]
2. [10, 23, 56, [78]]
3. [10, 23, 56, [95]]
4. [10, 34, 56, [78]]
5. What will be the output of the following python code?

print(list(zip((1,2,3),(‘a’),(‘xxx’,’yyy’))))

print(list(zip((2,4),(‘b’,’c’),(‘yy’,’xx’))))

1. [(1,2,3),(‘a’),(‘xxx’,’yyy’)]

[(2,4),(‘b’,’c’),(‘yy’,’xx’)]

1. [(1,’a’,’xxx’),(2,’ ’,’yyy’),(3,’ ’,’ ’)]

[(2,b,’yy’),(4,’c’,’xx’)]

1. Syntax error

d)[(1,’a’,’xxx’)]

[(2,’b’,’yy’),(4,’c’,’xx’)]

1. What will be the output of the following Python code?

import copy

a = [10, 23, 56, [78]]

b = copy.deepcopy(a)

a [3] [0] = 95

a[1] = 34

print(b)

1. [10, 34, 56, [95]]
2. [10, 23, 56, [78]]
3. [10, 23, 56, [95]]
4. [10, 34, 56, [78]]
5. What will be the output of the following Python code?

s = ‘a@b@c@d’

a = list(s.partition(‘@’))

print(a)

b = list(s.split(‘@’,3))

print(b)

1. [‘a’,’b’,’c’,’d’]

[‘a’,’b’,’c’,’d’]

1. [‘a’,’@’,’b’,’@’,’c’,’@’,’d’]

[‘a’,’b’,’c’,’d’]

1. [‘a’,’@’,’b@c@d’]

[‘a’,’b’,’c’,’d’]

1. [‘a’,’@’,’b@c@d’]

[‘a’,’@’,’b’,’@’,’c’,’@’,’d’]

1. What will be the output of the following Python code?

a = [1,2,3,4]

b = [sum(a[0:x+1]) for x in range(0,len(a))]

print(b)

1. 10
2. [1,3,5,7]
3. 4
4. [1,3,6,10]
5. What will be the output of the following Python code?

a = [1,2,3,4]

b = [sum(a[0:x+1]) for x in range(0,len(a))]

print(b)

1. 10
2. [1,3,5,7]
3. 4
4. [1,3,6,10]
5. What will be the output of the following Python code?

b = [2,3,4,5]

a = list(filter(lambda x:x%2,b))

print(a)

1. [2,4]
2. []
3. [3,5]
4. Invalid arguments for filter function
5. What will be the output of the following Python code?

lst = [3,4,6,1,2]

lst[1:2] = [7,8]

print(lst)

1. [3, 7, 8, 6, 1, 2]
2. Syntax error
3. [3,[7,8],6,1,2]
4. [3,4,6,1,2]
5. What will be the output of the following Python code?

def mk(x):

def mk1():

print(“Decorated”)

x()

return mk1

def mk2():

print(“Ordinary”)

p = mk(mk2)

p()

a)

Decorated

Decorated

b)

Ordinary

Ordinary

c)

Ordinary

Decorated

d)

Decorated

Ordinary

1. What will be the output of the following Python code?

l = list(‘HELLO’)

'first = {0[0]},third = {0[2]}'.format(l)

1. ‘first = H, third = L’
2. ‘first = 0, third = 2’
3. Error
4. ‘first = 0, third = L'
5. Which will be the output of the following Python code?

f = foo()

format(f)

1. format()
2. \_\_format\_\_
3. str()
4. \_\_str\_\_()
5. What will be the output of the following Python code

X = 15

Y = 2

Print(x//y)

1. What is the purpose of \_\_init\_\_.py in project directories in Django?
2. It allows Python to recognise the folder as package.
3. It is Used to initialise any empty values.
4. It is useless and can be deleted.
5. None of the above.
6. Which method is used instead of path() in urls.py to pass in regular expressions and routes?
7. static()
8. re\_path()
9. include()
10. url()
11. What is the use of os.path.dirname(\_\_file\_\_) in this method?
12. It is the default value and point to Django setting.py.
13. It is passing some values defined before.
14. It is used to pass the value of current file which this line is written.
15. Any one of the above
16. What will this template generate?

</head>

<body>

{% if (iterator) in list%}

{{iterator}}

{%endif%}

</body>

1. Error-invalid syntax
2. An iterator in list
3. Logic does not run
4. None of the above
5. How would you display a file’s contents in reversed order?
6. Can I dynamically load a module in python?
7. What is monkey patching?
8. Write a regular expression that will accept an email id. Use the re module?