





Pointer	Array
*(*p)	p[0][0]
*(*p+1)	p[0][1]
((p + 1))	p[1][0]









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Python Questions and Answers – While and For Loops – 2

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```
This set of Advanced Python Questions & Answers focuses on "While and For Loops – 2".
1. What is the output of the following?
  while i < 5:
      print(i)
      i += 1
      if i == 3:
          break
      print(0)
a) 0 1 2 0
b) 0 1 2
c) error
d) none of the mentioned
  View Answer
  Explanation: The else part is not executed if control breaks out of the loop.
2. What is the output of the following?
  i = 0
  while i < 3:
      print(i)
      i += 1
  else:
      print(0)
a) 0 1 2 3 0
b) 0 1 2 0
c) 0 1 2
c) error
```

View Answer

Explanation: The else part is executed when the condition in the while statement is false.

3. What is the output of the following?

```
x = "abcdef"
  while i in x:
      print(i, end=" ")
a) a b c d e f
b) abcdef
c) iiiiiii ...
```

```
d) error
  View Answer
   Answer: d
  Explanation: NameError, i is not defined.
                                                                                  advertisement
4. What is the output of the following?
  x = "abcdef"
  i = "i"
  while i in x:
      print(i, end=" ")
a) no output
b) i i i i i i i ...
c) a b c d e f
d) abcdef
  View Answer
  Answer: a
  Explanation: "i" is not in "abcdef".
5. What is the output of the following?
  x = "abcdef"
  i = "a"
  while i in x:
      print(i, end = " ")
a) no output
b) i i i i i i i ...
c) a a a a a a ...
d) a b c d e f
  View Answer
  Answer: c
  Explanation: As the value of i or x isn't changing, the condition will always evaluate to True.
6. What is the output of the following?
  x = "abcdef"
  i = "a"
  while i in x:
      print('i', end = " ")
a) no output
b) i i i i i i i ...
c) a a a a a a ...
d) a b c d e f
  View Answer
  Answer: b
  Explanation: As the value of i or x isn't changing, the condition will always evaluate to True.
                                                                                  advertisement
7. What is the output of the following?
  x = "abcdef"
  i = "a"
  while i in x:
      x = x[:-1]
      print(i, end = " ")
a) i i i i i i
b) a a a a a a
c) a a a a a
d) none of the mentioned
  View Answer
```

```
Explanation: The string x is being shortened by one character in each iteration.
8. What is the output of the following?
  x = "abcdef"
  i = "a"
  while i in x[:-1]:
      print(i, end = " ")
a) a a a a a
b) a a a a a a
c) a a a a a a ...
d) a
  View Answer
  Answer. c
  Explanation: String x is not being altered and i is in x[:-1].
9. What is the output of the following?
  x = "abcdef"
  i = "a"
  while i in x:
      x = x[1:]
      print(i, end = " ")
a) a a a a a a
b) a
c) no output
d) error
  View Answer
  Answer: b
  Explanation: The string x is being shortened by one character in each iteration.
10. What is the output of the following?
  x = "abcdef"
  i = "a"
  while i in x[1:]:
      print(i, end = " ")
a) a a a a a a
b) a
c) no output
d) error
  View Answer
  Answer: c
  Explanation: i is not in x[1:].
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In Saudi Arabia, hacking is punished with the removal of one of the offender's hands



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