### 1[. What is the output of the following? print("Hello {0!r} and {0!s}".format('foo', 'bin'))](https://www.onlineinterviewquestions.com/python-mcq/#collapseUnfiled7)

* **Ans: Hello foo and foo**

### 2[. Which one of the following has the highest precedence in the expression?](https://www.onlineinterviewquestions.com/python-mcq/#collapseUnfiled5)

Ans: **Parentheses**

### 3[. Python allows string slicing. What is the output of below code: s='cppbuzz chicago' print(s[3:5])](https://www.onlineinterviewquestions.com/python-mcq/#collapseUnfiled12)

* **buzzc**
* **pbuzz**
* **bu**
* **None of these**

Ans: **Bu**

### [4. What will be the output of 7\*\*2\*\*1 in python?](https://www.onlineinterviewquestions.com/python-mcq/#collapseUnfiled18)

**Ans: 49**

### 5[. What will be the output of the following Python code?](https://www.onlineinterviewquestions.com/python-mcq/#collapseUnfiled25)

**[def cube(x):](https://www.onlineinterviewquestions.com/python-mcq/#collapseUnfiled25)**

**[return x \* x \* x](https://www.onlineinterviewquestions.com/python-mcq/#collapseUnfiled25)**

**[x = cube (5)](https://www.onlineinterviewquestions.com/python-mcq/#collapseUnfiled25)**

**[print x](https://www.onlineinterviewquestions.com/python-mcq/#collapseUnfiled25)**

* **26**
* **125**
* **525**
* **None of above**

Ans: **125**

### 6[. What will be the output of the following Python code?](https://www.onlineinterviewquestions.com/python-mcq/#collapseUnfiled29)

**[i = 1](https://www.onlineinterviewquestions.com/python-mcq/#collapseUnfiled29)**

**[while True:](https://www.onlineinterviewquestions.com/python-mcq/#collapseUnfiled29)**

**[if i % 2 == 0:](https://www.onlineinterviewquestions.com/python-mcq/#collapseUnfiled29)**

**[break](https://www.onlineinterviewquestions.com/python-mcq/#collapseUnfiled29)**

**[print i](https://www.onlineinterviewquestions.com/python-mcq/#collapseUnfiled29)**

**[i += 2](https://www.onlineinterviewquestions.com/python-mcq/#collapseUnfiled29)**

**Ans: 1 3 5 7 9 11**

**7. Study the following program:**

**a = 1**

**while True:**

**if a % 7 = = 0:**

**break**

**print(a)**

**a += 1 Which of the following is the correct output of this program?**

**a. 1 2 3 4 5**

**b. 1 2 3 4 5 6**

**c. 1 2 3 4 5 6 7**

**d. Invalid syntax**

**Answer: (b) 1 2 3 4 5 6**

**8. Study the following program:**

**i = 0**

**while i < 5:**

**print(i)**

**i += 1**

**if i == 3:**

**break**

**else:**

**print(0)**

**What will be the output of this statement?**

**a. 1 2 3**

**b. 0 1 2 3**

**c. 0 1 2**

**d. 3 2 1**

**Answer: (c) 0 1 2 Explanation: None**

**9. Study the following program:**

**z = "xyz"**

**j = "j"**

**while j in z:**

**print(j, end=" ")**

**What will be the output of this statement?**

**a. xyz**

**b. No output**

**c. x y z**

**d. j j j j j j j..**

**Answer: (b) No output Explanation: "j" is not in "xyz".**

**10. What will be the following program:**

**d = [0, 1, 2]**

**for x in d:**

**print(x)**

**What will be the output of this statement?**

**a. {0, 1, 2} {0, 1, 2} {0, 1, 2}**

**b. 0 1 2**

**c. Syntax\_Error**

**d. None of these above**

**Answer: (b) 0 1 2**

**11. What error will occur when you execute the following code? \*\*\***

**MANGO = APPLE**

**a. NameError**

**b. SyntaxError**

**c. TypeError**

**d. ValueError**

**Answer: (a) NamaError**

**Explanation: Mango is not defined hence the name error**

**12. Which of the following data types is shown below? L = [2, 54, 'Apple', 5] What will be the output of this statement?**

**a. Dictionary**

**b. Tuple**

**c. List**

**d. Stack**

**Answer: (c) List**

**Explanation: Any value can be stored in the list data type.**

**13. What happens when '2' == 2 is executed?**

**a. False**

**b. Ture**

**c. ValueError occurs**

**d. TypeError occurs**

**Answer: (a) False**

**Explanation: It only evaluates to false.**

**14. Study the following statements:**

**str1 = "javat"**

**str2 = ":"**

**str3 = "point"**

**str1[-1:]**

**What will be the output of this statement?**

**a. t**

**b. j**

**c. point**

**d. java**

**Answer: (a) t**

**Explanation: The correct output of this program is "t" because -1 corresponds to the last index.**

**15. Study the following statement: >>>"a"+"bc"**

**What will be the output of this statement?**

**a. a+bc**

**b. abc**

**c. a bc**

**d. a**

**Answer: (b) abc**

**Explanation: In Python, the "+" operator acts as a concatenation operator between two strings.**

**Q. Which of the following declarations is incorrect?**

**a. \_x = 2**

**b. \_\_x = 3**

**c. \_\_xyz\_\_ = 5**

**d. None of these**

**Answer: (d) None of these**

**16. Which of the following operators is the correct option for power(ab)?**

**a. a ^ b**

**b. a\*\*b**

**c. a ^ ^ b**

**d. a ^ \* b**

**Answer: (b) a\*\*b**

**Explanation: The power operator in python is a\*\*b, i.e., 2\*\*3=8.**

**17. Which of the following is correctly evaluated for this function? pow(x,y,z)**

**a. (x\*\*y) / z**

**b. (x / y) \* z**

**c. (x\*\*y) % z**

**d. (x / y) / z**

**Answer: (c) (x\*\*y) % z**

**18. What will be the output of this program? Study the following code:**

**x = ['XX', 'YY']**

**for i in x:**

**i.lower()**

**print(x)**

**Answer: (a) ['XX', 'YY']**

**19.\*\*\***

**i=0**

**while i<3:**

**print(i)**

**i+1**

**print(i+1)**

**Ans: infinite loop- 01010101...**

**20. What is the output of print(2\*3\*\*3\*4)**

**Ans: 216**

**21.**

**def test(a, b = 5):**

**print(a, b)**

**test(-3)**

**Ans: -3 5**

**22.**

**name = "Jane Doe"**

**def myFunction(parameter):**

**value = "First"**

**name = parameter**

**print (name)**

**myFunction("Second")**

**Ans: Second**

**23.**

**def pow(b, p):**

**y = b \*\* p**

**return y**

**def square(x):**

**a = pow(x, 2)**

**return a**

**n = 5**

**result = square(n)**

**print(result)**

**Ans: 25**

**24.**

**def rem(a, b):**

**return a % b**

**print(rem(3,7))**

**Ans: 3**

**25.**

**x,y,z=3,7,9**

**def rem(a, b):**

**return a % b**

**print(rem(z,y))**

**Ans: 2**

**26.**

**x,y,z=11,7,9**

**def rem(a, b, c):**

**return max(a,b,c)**

**print(rem(z,y,x))**

**Ans: 11**

**27.**

**x,y,z=11,7,9**

**def rem(a, b, c):**

**return min(a,b,c)**

**print(rem(z,y,x))**

**Ans: 7**

**28.**

**x= 'python'**

**print(x.find('P'))**

**Ans: -1**

**29.**

**x= ' Stay Safe Stay Healthy'**

**p = x[-2:-20:-5]**

**print(p)**

**Ans: hHSS**

**30.**

**x = [9,2,3,4,5,6,7,8]**

**print(x[-0])**

**Ans: 9**

**31.**

**n=5;**

**for i in range(n):**

**for j in range(i):**

**print ('\* ', end="")**

**print('')**

**for i in range(n,0,-1):**

**for j in range(i):**

**print('\* ', end="")**

**print('')**

**Ans:**

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**31.**

**def sum\_list(items):**

**sum\_numbers = 0**

**for x in items:**

**sum\_numbers += x**

**return sum\_numbers**

**print(sum\_list([1,2,-8]))**

**Ans: -5**

**32.**

**def max\_num\_in\_list( list ):**

**max = list[ 0 ]**

**for a in list:**

**if a > max:**

**max = a**

**return max**

**print(max\_num\_in\_list([1, 2, -8, 0]))**

**Ans: 2**

**33.**

**def smallest\_num\_in\_list( list ):**

**min = list[ 0 ]**

**for a in list:**

**if a < min:**

**min = a**

**return min**

**print(smallest\_num\_in\_list([1, 2, -8, 0]))**

**Ans: -8**

**34.**

**def match\_words(words):**

**ctr = 0**

**for word in words:**

**if len(word) > 1 and word[0] == word[-1]:**

**ctr += 1**

**return ctr**

**print(match\_words(['abc', 'xyz', 'aba', '1221']))**

**Ans: 2**

**35.**

**original\_list = [10, 22, 44, 23, 4]**

**new\_list = list(original\_list)**

**print(original\_list)**

**print(new\_list)**

**Ans: [10, 22, 44, 23, 4]**

**[10, 22, 44, 23, 4]**

**36.**

**def printValues():**

**l = list()**

**for i in range(1,21):**

**l.append(i\*\*2)**

**print(l[:5])**

**printValues()**

**Ans: [1, 4, 9, 16, 25]**

**37.**

def string\_length(str1):

    count = 0

    for char in str1:

        count += 1

    return count

print(string\_length('fdsjk.gsdfg'))

**Ans: 11**

**38.**

def string\_length(str1):

    count = 0

    for char in str1:

        count += 1

    return count

print(string\_length('fjk.gs dfg@1'))

**Ans: 12**

**39.**

def add\_string(str1):

  length = len(str1)

  if length > 2:

    if str1[-3:] == 'ing':

      str1 += 'ly'

    else:

      str1 += 'ing'

  return str1

print(add\_string('string'))

**Ans:** stringly

**40.**

def add\_string(str1):

  length = len(str1)

  if length > 2:

    if str1[-3:] == 'ing':

      str1 += 'ly'

    else:

      str1 += 'ing'

  return str1

print(add\_string('abc'))

**Ans: abcing**

**41.**

**color\_list = ["Red","Green","White" ,"Black"]**

**print( "%s %s"%(color\_list[0],color\_list[-1]))**

**Ans: Red Black**

**42.**

color\_list = ["Red","Green","White" ,"Black","Blue"]

print( "%s %s"%(color\_list[0],color\_list[-3]))

**Ans: Red White**

**43.**

def outP():

    num = 400

    year = int(num/365)

    week = int((num%365)/7)

    days = int((num%365)%7)

    print("Total Number of Year(s): ",year)

    print("Total Number of Week(s):",week)

    print("Total Number of Day(s):",days)

outP()

**Ans:**

Total Number of Year(s): 1

Total Number of Week(s): 5

Total Number of Day(s): 0

**44.**

num1 = 8

num2 = 3

num3 = 11

def outP(num1,num2,num3):

    if (num1 > num2) and (num1 > num3):

        largest = num1

    elif (num2 > num1) and (num2 > num3):

        largest = num2

    else:

        largest = num3

    print("The largest number is", largest)

outP(num1,num2,num3)

**Ans: 11**

**45.**

list1 = []

num = int(input("Enter number of elements in list: "))

def outP():

    for i in range(1, num + 1):

        ele = int(input("Enter elements: "))

        list1.append(ele)

    print("Second largest element is:", sorted(list1)[-2])

outP()

**Ans:**

Enter number of elements in list: 4

Enter elements: 1

Enter elements: 2

Enter elements: 3

Enter elements: 4

Second largest element is: 3