

Software Design demo

Code:	rn3
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Response Table

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1. What is the following function removes an object from a list?

1. `list.index(obj)`
2. `list.insert(index, obj)`
3. `list.pop(obj=list[-1])`
4. `list.remove(obj)`

2. Which of the following function of dictionary gets all the keys from the dictionary?

1. `getkeys()`
2. `key()`
3. `keys()`

4. None of the above.
3. What is output of following code:
`a = (1, 2) a[0] +=1`
 1. (1,1,2)
 2. 2
 3. Type Error
 4. Syntax Error
4. rect way to draw a line in canvas tkinter?
 1. `line()`
 2. `canvas.create_line()`
 3. `create_line(canvas)`
 4. None of the above
5. When is the finally block executed?
 1. when there is no exception
 2. when there is an exception
 3. only if some condition that has been specified is satisfied
 4. always
6. Which of the following function convert a string to a float in python?
 1. `int(x [,base])`
 2. `long(x [,base])`
 3. `float(x)`
 4. `str(x)`
7. What is the output of `print str * 2` if `str = 'Hello World!'`?
 1. Hello World!Hello World!
 2. Hello World! * 2
 3. Hello World!
 4. None of the above.
8. How to create a frame in Python?
 1. `Frame = new.window()`
 2. `Frame = frame.new()`
 3. `Frame = Frame()`
 4. `Frame = window.new()`

9. Which of the following operator in python evaluates to true if it does not finds a variable in the specified sequence and false otherwise?

1. `**`
2. `//`
3. `is`
4. `not in`

10. What will be the output of the following code?

```
for i in ['t', 'n', 'i', 'o', 'p'][::-1]:  
    print(i)
```

1. t n i o p
2. p o i n t
3. t n i o p 1 0 -1
4. p o i n t 1 0 -1

11. Using the pack manager, how you can you put the components in a container in the same row?

1. `Component.pack(side= 'LEFT')`
2. `Component.pack('Left')`
3. `Component.pack(side=LEFT)`
4. `Component.pack(Left=side)`

12. Syntax error in python is detected by _____ at _____

1. compiler/ compile time
2. interpreter/ run time
3. compiler/ run time
4. interpreter/ compile time

13. What is the following function compares elements of both dictionaries dict1, dict2?

1. `dict1.cmp(dict2)`
2. `dict1.sort(dict2)`
3. `cmp(dict1, dict2)`
4. None of the above.

14. What is the output of the following code?

```
eval("1 + 3 * 2")
```

1. 1+6
2. 4*2
3. 1+3*2
4. 7

15. Which of the following statements can be used to check, whether an object `obj` is an instance of class `A` or not?

1. `obj.isinstance(A)`
2. `A.isinstance(obj)`
3. `isinstance(obj, A)`
4. `isinstance(A, obj)`

16. What is the output of `print str[2:5] if str = 'Hello World!'`?

1. llo World!
2. H
3. llo
4. None of the above.

17. What is the output of the code?

```
def f():  
    try:  
        return(1)  
    finally:  
        return(2)  
k=f()  
print(k)
```

1. 1 2
2. 2 1
3. 2
4. Error

18. What is output for:

```
a = ['hat', 'mat', 'rat']  
'rhyme'.join(a)
```

1. ['hat','mat','rat','rhyme']
2. 'hatmatratrhyme'
3. ['hat mat rat rhyme']
4. 'hatrhymematrhyme rat'

19. What is the output of the following code?

```
def nprint(message, n):  
    while(n > 0):  
        print(message)  
    n-=1  
nprint('z', 5)
```

1. zzzz

2. *zzzzz*
 3. Syntax Error
 4. Infinite Loop
20. Which of the following environment variable for Python contains the path of an initialization file containing Python source code?
1. PYTHONPATH
 2. PYTHONSTARTUP
 3. PYTHONCASEOK
 4. PYTHONHOME