

# Software Design demo

Code:	rn6
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**Response Table**

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1. Name the error that doesn't cause program to stop/end, but the output is not the desired result or is incorrect.
  1. Syntax error
  2. Runtime error
  3. Logical error
  4. All of the above
2. What happens in the below code?

```
class A:
    def __init__(self , i=100):
        self.i=i
```

```

class B(A):
    def __init__(self, j=0):
        self.j=j
def main():
    b= B()
    print(b.i)
    print(b.j)
main()

```

1. Class B inherits all the data fields of class A.
  2. Class B needs an Argument.
  3. The data field 'j' cannot be accessed by object b.
  4. Class B is inheriting class A but the data field 'i' in A cannot be inherited.
3. What will be the output of the following Python code?

```

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

```

1. 1
  2. 2
  3. 3
  4. error, there is more than one return statement in a single try-finally block
4. 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)`

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

```

try:
    if '1' != 1:
        raise "someError"
    else:
        print("someError has not occurred")
except "someError":
    print ("someError has occurred")

```

1. someError has occurred
  2. someError has **not** occurred
  3. invalid code
  4. none of the mentioned
6. What should be given in range of the given below code to print nothing in output?
- ```

for i in range(?):
    print(i)

```

1. 0.1
  2. 0
  3. NULL
  4. 1
7. How many except statements can a try-except block have?
1. zero
  2. one
  3. more than one
  4. more than zero
8. 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.
9. Which of the following function sets the integer starting value used in generating random numbers?
1. `choice(seq)`
  2. `randrange ([start ,] stop [,step])`
  3. `random()`
  4. `seed([x])`
10. 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)`
11. What will be the output of the below given code?
- ```
colors = ["white", "Black", "Grey"]
x = "Red" not in colors
```
1. Yes
  2. No
  3. Error: not in not defined
  4. True

12. Which of the following operator in python evaluates to true if the variables on either side of the operator point to the same object and false otherwise?

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

13. What will be the output of the following code snippet?

```
class Sales:
    def _init_(self, id):
        self.id = id
        id = 100
```

```
val = Sales(123)
print (val.id)
```

1. SyntaxError, this program will not run
2. 100
3. 123
4. None of the above

14. Which of the following function convert a String to a list in python?

1. `repr(x)`
2. `eval(str)`
3. `tuple(s)`
4. `list(s)`

15. What is the output of `print tinylis * 2` if `tinylis = [123, 'john']`?

1. `[123, 'john', 123, 'john']`
2. `[123, 'john'] * 2`
3. Error
4. None of the above.

16. 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)`

17. What is the output of the following code?

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

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

18. 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

19. rect way to draw a line in canvas tkinter?

1. line()
2. canvas.create\_line()
3. create\_line(canvas)
4. None of the above

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