Examen Python

Switch account

Ce se ve afisa la executia urmatorului script ? (what will be printed on the screen when the following script is run ?)

```
a = {i^j:i**j for i in range(1,4) for j in range(1,4)}
l = sorted([i[1] for i in a.items()])
print(l)
```

- [2, 3, 9, 27]
- [16, 9, 4, 1]
- [64, 27, 4, 1]
- [1, 4, 9, 16]
- [1, 4, 27, 64]
- [27, 9, 3, 2]

Ce se ve afisa la executia urmatorului script ? (what will be printed on the screen when the following script is run ?)

```
a = [5,4,3,2,1]
a[1:-3] = [1,2,3]
print(a)
```

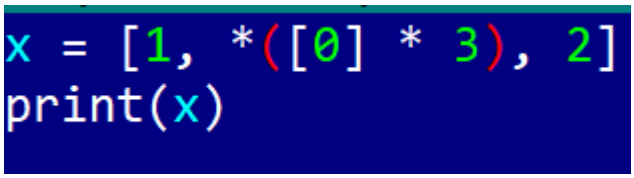
- [5, 1, 2, 3, 4, 2, 1]
- [5, 4, 1, 2, 3, 2, 1]
- [5, 4, 3, 1, 2, 3, 1]
- [5, 1, 2, 3, 3, 2, 1]
- [5, 1, 2, 3, 4, 3, 2, 1]
- [5, 4, 3, 2, 1]

Ce se ve afisa la executia urmatorului script ? (what will be printed on the screen when the following script is run ?)

```
print([x+y for x in range(1,5) for y in range(1,5) if x%y==0])
```

- [2, 3, 5, 4, 4, 6, 6, 8]
- [2, 3, 4, 4, 6, 5, 6, 8]
- [2, 3, 4, 4, 5, 6, 6, 8]
- [2, 3, 8, 4, 6, 6, 5, 4]
- [2, 4, 6, 8, 10, 12, 14, 16, 20]
- [2, 3, 4, 5, 4, 6, 6, 8]
- [1, 2, 3, 4, 5, 6, 7, 8, 9, 10]

Ce se ve afisa la executia urmatorului script ? (what will be printed on the screen when the following script is run ?)



```
x = [1, *([0] * 3), 2]
print(x)
```

- [1, 0, 0, 0, 2]
- [1, (0), (0), (0) , 2]
- [1, [0, 0, 0] , 2]
- [1, (0, 0, 0) , 2]
- [1, [(0), (0), (0)] , 2]
- [1, [0, 0] , 2]
- [1, [0], [0], [0] , 2]

Ce se ve afisa la executia urmatorului script ? (what will be printed on the screen when the following script is run ?)

```
import struct
s = ""
for i in struct.pack("@bhbib",3,1,2,4,5)[:10]:
        s+=hex(i)+" "
print(s)
```

- 0x3 0x0 0x1 0x0 0x2 0x0 0x4 0x0 0x5 0x0
- 0x3 0x1 0x0 0x2 0x0 0x4 0x0 0x0 0x0 0x5
- 0x3 0x0 0x1 0x0 0x2 0x0 0x0 0x0 0x4 0x0
- 0x3 0x1 0x2 0x4 0x5 0x0 0x0 0x0 0x0 0x0
- 0x3 0x0 0x1 0x0 0x2 0x4 0x0 0x0 0x0 0x5
- 0x3 0x1 0x0 0x0 0x2 0x4 0x0 0x0 0x0 0x5
- 0x3 0x1 0x2 0x0 0x0 0x4 0x0 0x0 0x0 0x5
- 0x3 0x0 0x1 0x0 0x2 0x0 0x0 0x0 0x4 0x5

Ce se ve afisa la executia urmatorului script ? (what will be printed on the screen when the following script is run ?)

```
l = list(sorted([1,25,73,17],key = lambda x: x%5))
print(l)
```

- [25, 17, 1, 73]
- [25, 1, 17, 73]
- [25, 17, 73, 1]
- [1, 25, 17, 73]
- [1, 73, 25, 17]
- [1, 17, 25, 73]

Ce se ve afisa la executia urmatorului script ? (what will be printed on the screen when the following script is run ?)

```
x = 100
while x>0:
        x = x//2
        if x==6: continue;
        print(x)
else:
        print("0")
```

- 50 25 12 3 1 0 0
- 50 25 12 0
- 50 25 12 3 0
- 50 25 12 3 1 0
- 50 25 12 3
- 50 25 12

Ce se ve afisa la executia urmatorului script ? (what will be printed on the screen when the following script is run ?)

```
import re
print(len(re.split("\s\w{4,6}\s"," We have a python reexamination today at FII ")[2]))
```

- 5
- 11
- 9
- 12
- 6
- 14
- 10
- 7
- 8
- 2
- 1
- 15
- 13
- 3
- 4

Ce se ve afisa la executia urmatorului script ? (what will be printed on the screen when the following script is run ?)

```
print("PythonExaminationToday"[2:-2:4])
```

- tEiio
- YnmtT
- ynmtT
- tnaniT
- ynmTT
- txaT

Ce se ve afisa la executia urmatorului script ? (what will be printed on the screen when the following script is run ?)

```
print((len((str("123")*3)[1:-1]))/3)
```

- 2.66
- 2.33
- 3.0
- 4.0
- 3
- 1.66
- 1.33
- 2

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