Examen curs Python

1 point

```
print([x for x in range(1,10,3)])
```

Ce se va afisa la executia urmatorului cod:

- [ ] 7
- [x] [1, 4, 7]
- [ ] codul nu compileaza - nu se poate afisa o lista in python
- [ ] [1, 4, 7, 10]

```
d = {}
for i in [1,2,3,4,5]:
        d[i%2] = i
print(d)
```

Ce se va afisa la executia urmatorului cod:

- [ ] {1: [1,3,5], 0: [2,4]}
- [x] {1: 5, 0: 4}
- [ ] {1: 1, 1: 3, 1: 5, 0: 2, 0: 4}
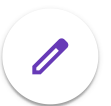- [ ] {1: (1,3,5), 0: (2,4)}
- [ ] {1: 1, 0: 2}

```
import re
print(len(re.split("[abc]","We have python examination today")[2]))
```

Ce se va afisa la executia urmatorului cod:

- [ ] 6
- [x] 3
- [ ] 7
- [ ] 2
- [ ] 4
- [ ] 5

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

Ce se va afisa la executia urmatorului cod:

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

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

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

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

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

- [ ] [1, 2]

```
x = [1,2,3,4,5,6,7,8,9,10]
y = list(filter(lambda k: "11" in bin(k), x))
print(y)
```

Ce se va afisa la executia urmatorului cod:

- [ ] [1, 2, 4, 8]

- [ ] [1, 2, 8]

- [ ] [2, 5, 7]

- [ ] [1, 3, 5, 7, 9]

- [ ] [2, 4, 6, 8, 10]

- [x] [3, 6, 7]

```
l = list(sorted([1,25,73,17],key = lambda x: x%10))
print(l)
```

Ce se va afisa la executia urmatorului cod:

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

```
x = int(10.0)
y = int(3.0)
print(x/y)
```

Ce se va afisa la executia urmatorului cod:

- [ ] Eroare de compilare
- [x] 3.33
- [ ] 3
- [ ] 4

```
print(("ABC"*4).split("BC",2)[2])
```

Ce se va afisa la executia urmatorului cod:

- [ ] ABC
- [ ] AAA
- [x] ABCABC
- [ ] AAAA
- [ ] AA

```python
import threading
l = threading.Lock()
def f1(lock):
        with lock: pass
def f2(lock):
        with lock: f1(lock)
t1 = threading.Thread(target=f1, args=(l,))
t2 = threading.Thread(target=f2, args=(l,))
t1.start ()
t2.start ()
t1.join ()
t2.join ()
print("DONE")
```

Ce se intampla la executia urmatorului cod ?

- [ ] Afiseaza DONE de 2 ori

- [x] Se blocheaza in timpul executiei si nu afiseaza nimic pe ecran

- [ ] Afiseaza DONE (o singura data)

- [ ] Afiseaza DONE de 3 ori

- [ ] Nu compileaza

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

Ce se va afisa la executia urmatorului cod:

- [ ] 50 25 12 6 3 2 1 0
- [ ] 50 25 12 6
- [ ] 50 25 12 0
- [ ] 50 25 12 6 0
- [ ] 50 25 12

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