

Examen curs Python

1 point

```
s = "PythonCourse"  
print(s[:-1:3])
```

Ce se va afisa la executia urmatorului cod:

- ☐ codul nu compileaza - nu se poate afisa o lista in python
- ☐ PtiCus
- ☐ Por
- ☒ PhCr



1 point

```
print([x for x in range(1,10) if x in [1,3,5,7]])
```

Ce se va afisa la executia urmatoarei cod:

- ☒ [1, 3, 5, 7]
- ☐ [1, 2, 3, 4, 5, 6, 7, 8, 9, 10]
- ☐ [2, 4, 6, 8]
- ☐ [3, 5, 7]
- ☐ [1, 2, 3, 4, 5, 6, 7, 8, 9]



1 point

```
d = {i%3 for i in [1,2,3,4,5,6,7,8,9,10] if i>5 }  
print(d)
```

Ce se va afisa la executia urmatorului cod:

- ☐ {5, 8}
- ☐ {6, 9}
- ☒ {0, 1, 2}
- ☐ {5, 6, 7}
- ☐ {6, 7, 8}
- ☐ {0, 3, 6, 9}



1 point

```
import re
print(re.sub("(\\d\\d)", lambda x: x.group(0)[0], "10+20=30"))
```

Ce se va afisa la executia urmatorului cod:

- ☐ 30
- ☐ 10+20=30
- ☒ 1+2=3
- ☐ 20+10=30
- ☐ 0+0=0
- ☐ 10+30=20



1 point

```
x = [1,2,3,4,5,6,7,8,9,10]  
y = list(map(lambda k: 10-k, x))  
print(y)
```

Ce se va afisa la executia urmatorului cod:

- ☐ [1, 2, 3, 4, 5, 6, 7, 8, 9, 10]
- ☐ [10, 9, 8, 7, 6, 5, 4, 3, 2, 1, 0]
- ☐ [10, 9, 8, 7, 6, 5, 4, 3, 2, 1]
- ☒ [9, 8, 7, 6, 5, 4, 3, 2, 1, 0]
- ☐ [0, 1, 2, 3, 4, 5, 6, 7, 8, 9, 10]
- ☐ [0, 1, 2, 3, 4, 5, 6, 7, 8, 9]

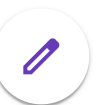


1 point

```
l = list(sorted([1,25,73,17],key = lambda x: x/7))  
print(l)
```

Ce se va afisa la executia urmatoarei cod:

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



1 point

```
x = float(11.0)
y = float(3.0)
print(x//y)
```

Ce se va afisa la executia urmatorului
cod:

- ☒ 3.0
- ☐ 4
- ☐ 3.66
- ☐ Eroare de compilare



1 point

```
import struct
s = ""
for i in struct.pack("@bhi",3,1,2):
    s+=hex(i)+" "
print(s)
```

Ce va afisa urmatorul cod ? (se ruleaza pe o masina Little Endian, x86, alignament standard)

- ☐ 0x3 0x1 0x0 0x0 0x2 0x0 0x0 0x0
- ☐ 0x3 0x0 0x0 0x1 0x2 0x0 0x0 0x0
- ☐ 0x3 0x1 0x2
- ☐ 0x3 0x1 0x2 0x0 0x0 0x0 0x0 0x0
- ☒ 0x3 0x0 0x1 0x0 0x2 0x0 0x0 0x0



1 point

```
s = list(sorted({x for x in reversed("abracadabra")}))  
print(s)
```

Ce se va afisa la executia urmatoarei cod:

- ☐ ['r', 'd', 'c', 'b', 'a']
- ☐ ['a', 'r', 'b', 'a', 'd', 'a', 'c', 'a', 'r', 'b', 'a']
- ☐ ['a', 'a', 'a', 'a', 'a', 'b', 'b', 'c', 'd', 'r', 'r']
- ☐ ['a', 'b', 'r', 'a', 'c', 'a', 'd', 'a', 'b', 'r', 'a']
- ☒ ['a', 'b', 'c', 'd', 'r']



1 point

```
s = "s=\"exec(s)\""  
exec(s)  
print(s)
```

Ce se va afisa la executia urmatoarei cod:

- ☒ exec(s)
- ☐ nu compileaza
- ☐ s=s
- ☐ s
- ☐ ruleaza intr-o bucla infinita

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