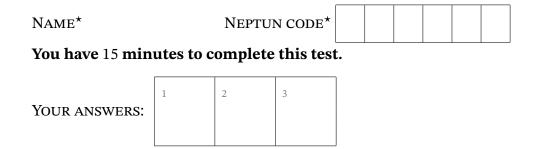
INFORMATICS 2 - 2ND MIDTERM (TESTS)



Test 1. What is the value of the variable b after the execution of the following piece of code?

a, _, b, c = (1, 0, 3, 2)

Test 2. Suppose that the value of the variable index is [4, 1, 3, 0, 2], and the value of data is [1, 3, 0, 4, 2]. What is the value of the following expression?

data[index[4]]

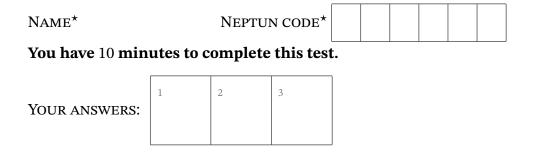
Test 3. Among the outputs listed below, which one is printed by the following piece of code?

```
print(f'|{3.14:8.2f}|'); print('|12345678|')
```

 (1) | 3.14| |12345678|
 (2) |00003.14| |12345678|

- (3) |3.14 |
- |12345678| (4) | 3.14 |
- |12345678|
- (5) None of the above.

INFORMATICS 2 - 3RD MIDTERM (TESTS)



Test 1. What is the value of the following expression? sum([sum([x%y for x in range(2,6) if x**2 < 24]) for y in range(4,6)]) (Recall that x%y computes x mod y.)

```
Test 2. What is the return value of
lists((5, 4, 4, 10),1)
if lists() is defined like this:
def lists(m,n):
    try:
        m[n] = 1
        return m[n]
    except:
        return m[n]
```

Test 3. Let f be defined as follows: def f(*1,m=1): return len(1)*m What is the return value of the call f(5, 4, 4, 10)