

CS 50 – Spring 2026

Lecture 08

1. Define a function `square_neg` that takes one parameter (a list of ints `lst`) and squares all the negative numbers. It should return `None`.
2. Define a function `square_neg` that takes one parameter (a list of ints `lst`) and returns a new list in which the positive numbers are squared. It should not modify the original list `lst`.

3. What gets printed when the following program is run?

```
a_list = [3.5, 6, (1, 2), "abc"]
a_list[3] = list(range(0,5,2))
a_list[:2] = ["a", "b"]
a_list.extend([5,3,1])
print(len(a_list))
for elem in a_list:
    print(str(elem) + ":" + str(type(elem)))
del(a_list[3:5])
a_list.remove("a")
a_list.pop()
print(a_list)
```