Exercise

Give the output

```python
num1 = 7
num2 = 3
num3 = 2
num4 = 4

num5 = num1
num1 = num2 * num1 + 4
num2 = num5 + num2
num5 = num3
num3 = num4 - num3 + 1
num4 = num5

print(num1, num2, num3, num4, num5)
```

25 10 3 2 2
Exercise

Given the following code:

```python
item1 = "Blah!"
item2 = "Blah?"
item3 = item2
item2 = item1
```

how many string objects are there in memory?

Given the memory diagram below, i.e., fill in the variable addresses:

```
item1       | 101
item2       | 101
item3       | 111
```

```
101
"Blah!"
```

```
111
"Blah?"
```
Complete the output.

```python
s = "Dogs have masters. Cats have staff."
print("1.", s[1: 6])
print("2.", s[:2] * 3)
print("3.", s[-3])
print("4.", s[4] + s[1])
print("5.", s[-4:])
```

1. ogs h
2. DoDoDo
3. f
4. o
5. aff.
Exercise

Complete the following program so that it prints the name between two rows of stars. The output has three spaces on each side of the name. Your code should work for names of any length.

```python
name = "Philomena Evangeline"
extras = 3
stars = "*" * (len(name) + extras * 2)
blanks = " " * extras
print(stars)
print(blanks + name)
print(stars)
```

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Philomena Evangeline
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