1. (18) **Play Computer. Directions:** Execute (Run) the program below step by step.

a. Each time a value is assigned to a variable, cross off the old value and write the new value to the right of the old value.

b. Each time something is printed on screen, write it in the screen area in the appropriate place.

*Program:*

```
for i in [2, 0, 1]:
    for j in range(0, i+1):
        print('Y', end="")
        print('\nZ', end="")
```

---

**Variables:**

- i
- j

---

**Screen Area:**

```
2.
Y Y Y
Z
```

2. (13) **Play Computer** with the program below. Same directions as the program above.

*Program:*

```
x=7
while x>4:
    print(x, end="")
    print( (x%3)*"A" )
x = x - 1
```

---

**Variables:**

- x

---

**Screen Area:**

```
2
Y Y Y
2 A
```