



Reading Pseudocode

1. What is output by the following pseudocode?

```
fun what(array):  
    t = -3  
    foreach i ∈ array:  
        if i < 2:  
            t += i  
        else:  
            t -= i  
    return t  
  
print(what([5, 3, -7, 1, -1]))
```

2. What is output by the following pseudocode?

```
x ← -2  
i ← 1  
WHILE x < 20:  
    IF x > 5:  
        x ← x + 15  
    ELSE:  
        x ← x + 1  
    DISPLAY i, x  
    i ← i + 1
```

3. Assume the following array is declared:

```
a = [36, Madison, Ave]
```

What is the result of the following expressions?

- a[0]
- a[-2]
- Avenue in a
- 36 in a