1.

```
input "Enter a number: " into num1
Input "Enter another number: " into num2
num3 = num1 + num2
```

2.

```
res = 0
for num in range 1 to 20
    res += num
endfor
```

3.

```
input "Enter a number: " into num
result = True
for i in range 2 to num
    if num mod i == 0
        result = False
    endif
endfor
```

4.

```
input into arr[0...n-1]
for i in range n-2
    for j in range i+1 to n-1
        if arr[i] == arr[j]
            output "Duplicate found"
        endif
    endfor
endfor
```