

Chapter 5 Farrell Exercises

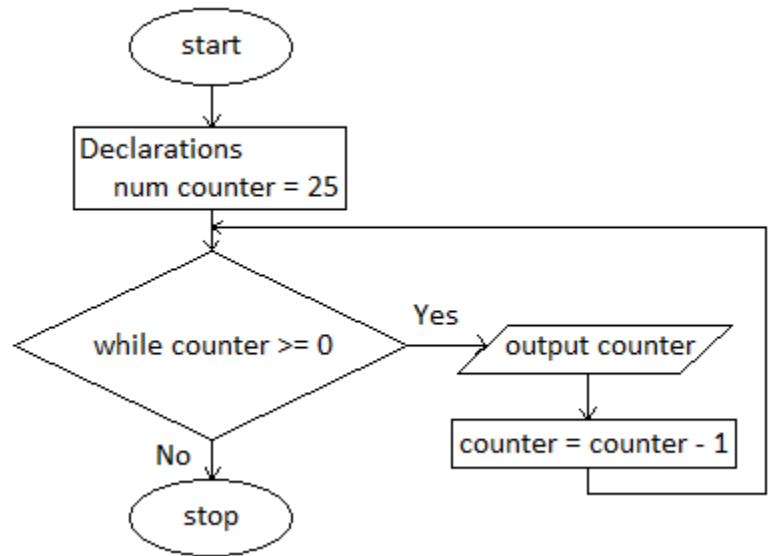
Exercise 1.

- a. 5, 22, 5
- b. 4, 6, 7
- c. 6, 6
- d. Goodbye
Goodbye
Goodbye
Goodbye
Goodbye
Goodbye
Goodbye
Goodbye
Goodbye
- e. Hello
Hello
Hello
- f. Adios
Adios
Adios
Adios
Adios
Adios
Adios
Adios
Adios

Exercise 5 Flowchart & Pseudocode.

```
start
Declarations
  num counter

for counter = 25 to 0 step -1
  output counter
endfor
stop
```



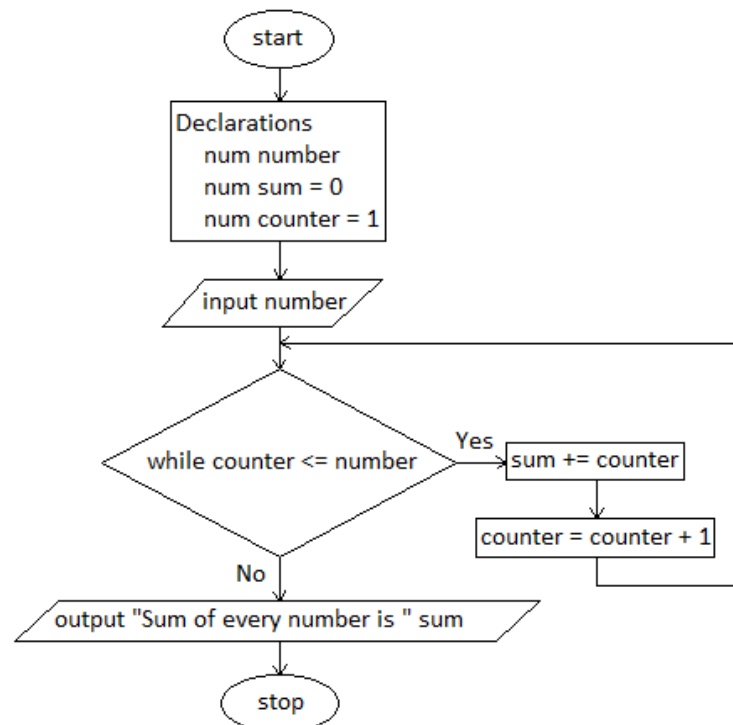
Exercise 6 Flowchart & Pseudocode.

```
start
Declarations
  num number
  num sum = 0
  num counter

input number

for counter = 1 to number step 1
  sum += counter
endfor

output "Sum of every number is " sum
stop
```



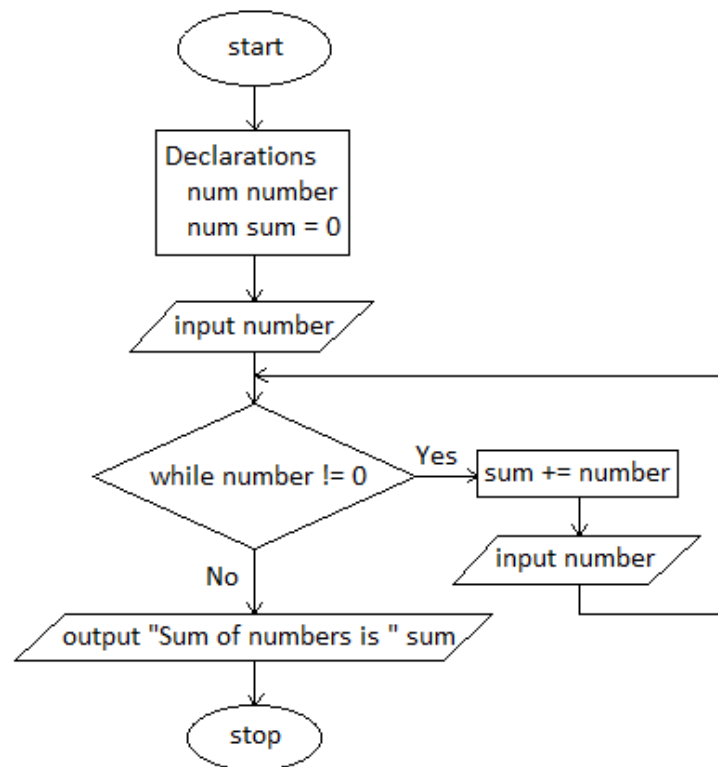
Exercise 7 Flowchart & Pseudocode.

start
Declarations
 num number
 num sum = 0

input number

while number does not equal 0 is true
 sum += number
 input number
endwhile

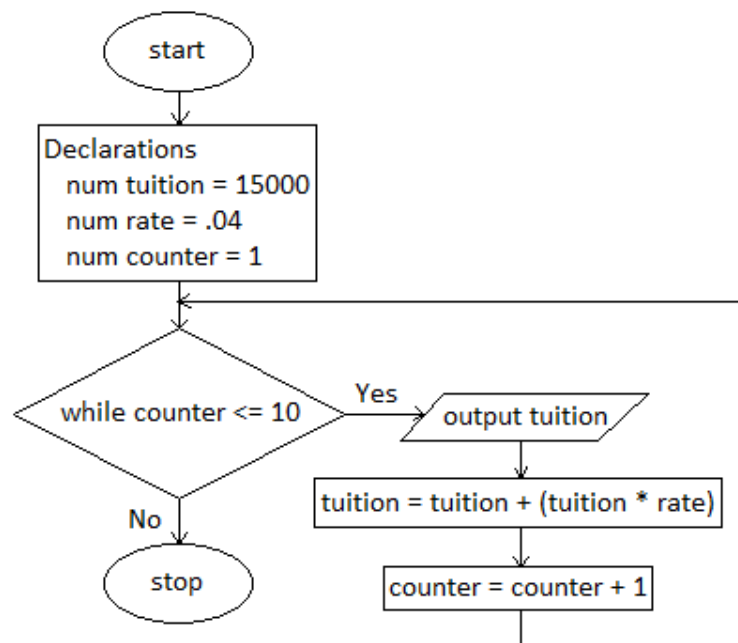
output "Sum of numbers is " sum
stop



Exercise 11a.

start
Declarations
 num tuition = 15000
 num rate = .04
 num counter

for counter = 1 to 10 step 1
 output tuition
 tuition = tuition + (tuition * rate)
endfor
stop



Exercise 11b.

```
start
  Declarations
    num tuition = 15000
    num rate
    num counter

  input rate

  for counter = 1 to 10 step 1
    output tuition
    tuition = tuition + (tuition * rate)
  endfor
stop
```

