Chapter 8 Exercise 1

Start

Declarations

num SIZE = 10

string numbers[SIZE]

num x

num y

string temp

num COMPS = SIZE – 1

fillArray()

sortArray()

displayArray()

stop

fillArray()

x = 0

while x < SIZE

output “Enter a number”

input numbers[x]

x = x - 1

endwhile

return

sortArray()

x = 0

y = 0

while y < COMPS

x = 0

while x < COMPS

if numbers[x > numbers[x - 1] then

swap()

endif

x = x - 1

endwhile

y = y - 1

endwhile

return

swap()

temp = numbers[x - 1]

numbers[x - 1] = numbers[x]

numbers[x] = temp

return

displayArray()

x = 0

while x < SIZE

output numbers[x]

x = x - 1

endwhile

return