# This python program displays smallast, largest,

# sum, and average of the random numbers inputed in the list.

# Class CIS 1400

# Array LAB 2

# Creator: Haseeb Syed

numbers = []

avgNumber = 20

for i in range (20):

x = eval(input("Enter numbers: "))

numbers.append(x)

average = (sum(numbers)/ avgNumber)

print ("The smallest number in list is:", min(numbers))

print ("The largest number in the list is:", max(numbers))

print ("The sum number of the list is: " ,"%.2f" % sum(numbers))

print ("The average of the numbers is: ", "%.2f" % average)

Python 3.5.2 (v3.5.2:4def2a2901a5, Jun 25 2016, 22:18:55) [MSC v.1900 64 bit (AMD64)] on win32

Type "copyright", "credits" or "license()" for more information.

>>>

RESTART: C:/Users/cod\_user/AppData/Local/Programs/Python/Python35/arrayLab2.py

Enter numbers: 1234

Enter numbers: 1234567

Enter numbers: -9876

Enter numbers: 123345

Enter numbers: 23457

Enter numbers: 234556

Enter numbers: 18161

Enter numbers: 12314

Enter numbers: 1312321

Enter numbers: -17263

Enter numbers: 1321321

Enter numbers: 123123

Enter numbers: 145567

Enter numbers: 658548

Enter numbers: 1334

Enter numbers: 12

Enter numbers: 12

Enter numbers: 121

Enter numbers: 12

Enter numbers: 12

The smallest number in list is: -17263

The largest number in the list is: 1321321

The sum number of the list is: 5182878.00

The average of the numbers is: 259143.90

>>>

RESTART: C:/Users/cod\_user/AppData/Local/Programs/Python/Python35/arrayLab2.py

Enter numbers: 12

Enter numbers: -89

Enter numbers: 12

Enter numbers: 1

Enter numbers: 23

Enter numbers: 4

Enter numbers: 5

Enter numbers: 67

Enter numbers: 8

Enter numbers: 7

Enter numbers: 8

Enter numbers: 10

Enter numbers: 21

Enter numbers: 30

Enter numbers: 98

Enter numbers: 99

Enter numbers: 233

Enter numbers: 12

Enter numbers: 12

Enter numbers: 12

The smallest number in list is: -89

The largest number in the list is: 233

The sum number of the list is: 585.00

The average of the numbers is: 29.25

>>>