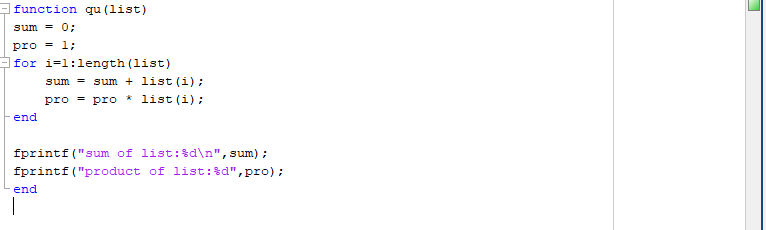
# Lab 7 – Basic Programming Structures in MATLAB

## Exercise

### Exercise 1

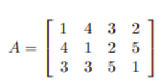
**Write function which takes an input array and returns the sum and product of its elements as outputs**





### Exercise 2

**Given the array:**



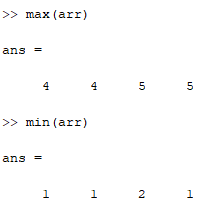
**use MATLAB statements to find:**

1. **The number of rows and columns in A**
2. **The maximum and minimum element values in A**
3. **The maximum and minimum element values in each row of A**
4. **The average value in each column**
5. **The average of all element values**

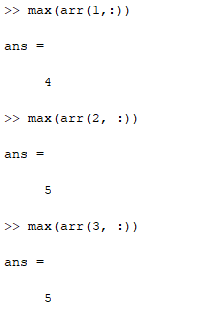
**a)**

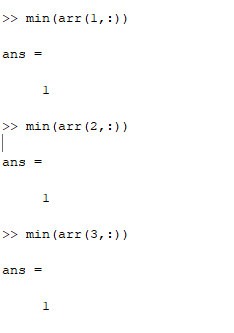


**b)**

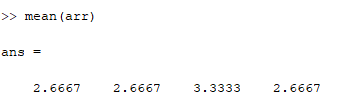


**c)**





**d)**



**e)**

