Hacettepe University

Computer Engineering Department

Programming in

python & {c}

BBM103 Introduction to Programming Lab 1
Week 12

Fall 2017

Lab Exercise

Write your first C program `myFirstC.c` that examines every elements stored in an array* named `varArray` and returns the number of

- *different element*
- *those divisible to 5*
- *those whose sqaure root is equal to or greater than 4*

Example:

For an array of `varArray = [3, 4, 45, 61, 55, 4, 99, 18, 61, 75]`

```
different element: 8
those divisible to 5: 3
those whose sqaure root is equal to or greater than 4: 7
```

compile: `gcc myFirstC.c –o myFirstC.o -lm`

run   : `./myFirstC.o`

* Only 10 elements are allowed to be stored each of which should be provided from user.