GEDIZUNIVERSITY

izmir

Faculty of Engineering and Architecture

Computer Engineering Department

COM 101 – INTRODUCTION TO PROGRAMMING

LAB Assignment   #7

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A- Examples

1- Write a C program that calculates power of a number by using recursion. Number n and power p are specified by user. **Note that** n,p are positive integers.

B- Exercise

Note that when you doing exercise questions, you are expected to use good programming practices you learn up to that time.

1- Write a C program that calculates the sum of the integers from 1 to n. Note that n is a **random** positive integer.

2- Write a C program that takes number of students and student lab grades are specified by the lab instructor, then calculates **class average** by using an integer array.

Sample Output:
*********************** AVG GRADE CALCULATOR**********************
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Please enter the number of student : 5

Please enter grade 1: 50
Please enter grade 2: 70
Please enter grade 3: 12
Please enter grade 4: 34
Please enter grade 5: 90

The avg grade : 51,2