**USKUDAR UNIVERSITY**

**FACULTY OF ENGINEERING AND NATURAL SCIENCES**

**DEPARTMENT OF SOFTWARE ENGINEERING**

**SE 101 INTRODUCTION TO SOFTWARE ENGINEERING**

**LAB SHEET 2**

**Exercise 1**

Write a C program to check whether a number is divisible by 5 and 12 or not using if else statements.

**Exercise 2**

The user is looking for an apartment to buy. His criteria is: price has to be cheaper than 400000 liras, the apartment has to be 10 years or younger, and it has to have at least 3 rooms. Write a code which takes 3 inputs: price, age and number of rooms and specifies if the input meets the user’s criteria or not.

Enter price, age and the number of rooms > 410000, 11, 5

Criteria not satisfied.

Or

Enter price, age and the number of rooms > 400000, 8, 3

Criteria satisfied

**Exercise 3**

Write a code that will read a student’s score on a test and determine the grade in letter (A is 90+, B is between 80 and 89, C is 70 and 79, D is 60 and 69, F is less than 60)

The output of the code should look on the computer monitor as follows:

(Hint: grade is a single letter. Use data type character when you first declare it in the program)

Enter the student’s grade (0-100)> 82

Student scored 82 on the exam and his/her grade is B