
ISTANBUL AYDIN UNIVERSITY

Name, Surname :

Number :

Course Code :

Course Name :

Exam : Quiz

Midterm

Final

Date :02.04.2015

Please make sure to write your name and student number on paper that you have used

Question Number	1(1p)	2(30p)	3(30)	4(40p)			Total
Mark							

Note: Exam duration is 55 minutes only. You dont get any other paper.Please use your paper efficiently!

Questions

1-(1p) Write a program that write your name and surname on the screen!

2-(30p)

All years which are perfectly divisible by 4 are leap years except for century years(years ending with 00) which is a leap year only it is perfectly divisible by 400. For example: 2012, 2004, 1968 etc are leap year but, 1971, 2006 etc are not leap year. Similarly, 1200, 1600, 2000, 2400 are leap years but, 1700, 1800, 1900 etc are not.

This program asks user to enter a year and this program checks whether that year is leap year or not.

3-(30p)

- (15p)write a program that takes a number from user and checks and write on the screen whether that number is either positive or negative or zero.
- (15p) write that algorithm with using flow-chart

4-(40p) Write a program to find the sum of first EVEN n natural numbers where n is entered by user. Note: 1,2,3... are called natural numbers.

- (10p)Use for loop
- (10p)use do-while loop
- (10p)use while loop
- (10p)draw algoritm of this with using flow-chart

Yrd.Doç.Dr. Oğuz Ata