

EPSILON NET

Coding School

Το πρώτο **Epsilon Net Coding School**
σε τεχνολογίες **.NET** είναι γεγονός!



SESSION 4 - EXERCISES

1. Write a program in C# to convert a **decimal** number to **binary** using **recursion**.

2. Write a program in C# that implements the following analysis:

In a **university** is an **institute** and there are different **courses** and **professors** and **students**

- Every **person** has a Unique ID, Name and Age.
- A **professor** has a **rank** (full, associate or assistant professor) and he/she is enrolled to **teach** in many courses. He can also **evaluate** a student. Whenever getting the name of a professor the prefix "**Dr.**" must be present.
- A **Course** has a Unique ID, Code and Subject.
- A **Grade** keeps the information of **Student**, **Course** and **Value**.
- The Program is expected to have a set number of Students, Professors and Courses to the University:
 - 30 Students
 - 5 Professors
 - 20 Courses
 - 60 Scheduled Courses

- The Program is expected to Allow the Students to attend a course.
- The Program is expected to Allow a Professor to set a Grade to a Student.
- The University is expected to hold all the above information.

