Email Application

Scenario: You are an IT Support Administrator Specialist and are charged with the task of creating email accounts for new hires.

Your application should do the following:

- Verify that the email is respecting with the following syntax: *firstname.lastname@department.company.com*
- Assign a department (sales, development, accounting) for new hires, if none leave blank
- Generate a random String for a password, that are respecting the following rules
  - ■ A password must have at least eight characters.
  - ■ A password consists of only letters and digits.
  - ■ A password must contain at least two digits.
- Have methods to change the password, the mailbox capacity, and define an alternate email address
- Have methods to display the full name, email and alternate email, mailbox capacity and department
- In order to be able to do new hires, you must check first if they have age greater than 18 years and you know the CNP information and also the CNP is containing exact 13 characters and all of them are digits
- You will need to make sure that when a new hire will be assigned to development department, you will generate for them a random serial number (max 10 characters and can contain digitis and letters) for a computer. Only development team will have a computer.
- When a new hire is done for sales or accounting, a random phone number will be random generated (exact 10 characters and can contain only digits)
- You will need to make sure that if the department is not specified than the new hire will not have a phone number and will not have a computer
- You will need to create new hires (at least one for every department, one without department) from a main method and you should need to be able to do all the operations requested