

# BLG102E LAB SESSION

## WEEK 10

# (1) Email Candidate

- Write an email address suggestion program.
- This program suggests 3 candidate email addresses using
- (Name: Feridun, Surname: Hurel, Year: 1951)
  - 1. Initial of name + surname + last 2 digits of year ([fhurel51@itu.edu.tr](mailto:fhurel51@itu.edu.tr))
  - 2. First two from name + first two from surname + randomnumber(4 digit) ([fehu8245@itu.edu.tr](mailto:fehu8245@itu.edu.tr))
  - 3. Surname + Name + Year ([hurelferidun1951@itu.edu.tr](mailto:hurelferidun1951@itu.edu.tr))
- Implement following functions
  - Think about it first, which functions are needed in your design

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- Implement following functions
  - Function for suggestion (will be called from main)
  - String functions (strlen, strcpy, strcat, substring, strreverse)
  - Utility functions (swap, inttostring)
- Remember to use pointers
- Both return the result and write it into string using pass by reference

# (1) Email Candidate

- `strconcatenate(source, destination)`
  - `strconcatenate("1773", "ITU" )`
  - `"ITU1773"`
- `substring(source, destination,start,size)`
  - `substring("ITU1773",sub,2,3)`
  - `"U17"`
- Think about why we get the result both with return and with pass by reference