



## ROBOTICS – Python Development – Lab 10 - Homework

1. We need to implement an application that reads employee information from a desktop user interface using the following data fields:

- a. first\_name: string, maximum 25 characters, mandatory, text entry;
- b. last\_name: string, maximum 25 characters, mandatory, text entry;
- c. years\_of\_employment: integer, mandatory, with the following meaning: 0: less than 1 year, 1: 1 to 5 years and 2: more than 5 years. Use a drop down to display the values, yet read the integer codes;
- d. is\_employed: boolean, checkbox.

Implement the user interface as described above.

Implement also a Cancel button which will close the application and a Save button which will validate the data and – if valid – will save it to a CSV file called employees.csv, otherwise will display an error message without saving the data.

Please ensure the following is also implemented:

- a. Display the validation errors as message boxes.
- b. Once an employee record is saved in the CSV file, display a success message box notification.