St. Johns River State College
COP 1000
Instructor: W. Lara

Lab 05

- Book exercises Python CRASH Course Chapter 8: Functions.

1. Function Exercise. Save the file as *greeter.py*
2. Function Exercise. Save the file as *pets.py*
3. Function Exercise. Save the file as *person.py*
4. Function Exercise. Save the file as *greeter_users.py*
5. Function Exercise. Save the file as *pizza.py*
6. Function Exercise. Save the file as *user_profile.py*
7. Function Exercise. Save the file as making_*pizzas.py*

- DONE IN CLASS

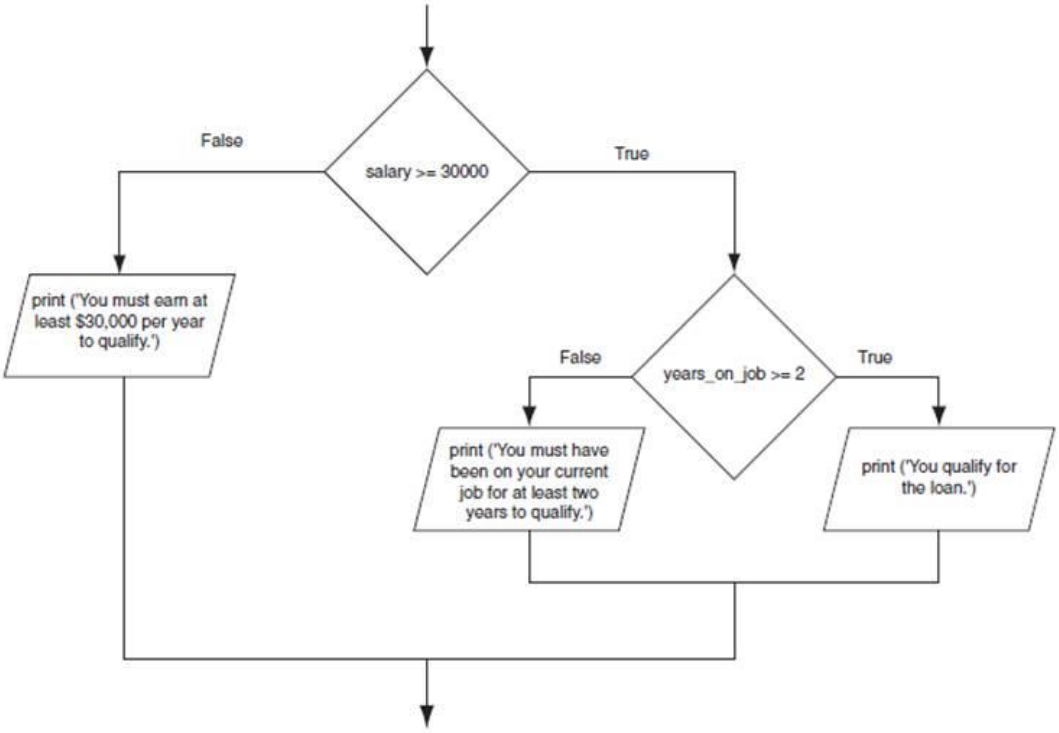
8. Write a program that simulates the Guess Number Game. It compares the random number with the user number. It displays a message if correct or not. Save the file as *while_loop_repeater_YourName.py*

9. Write a program that contains two functions inside the main function. Save the file as *birds.py*

10. Write a program that passes value to the function *show_double*. The function doubles a number. Save the file as *show_doubles.py*

11. Write a program with the function takes a first name and last name and returns the full name. Save the file as *formatted_name.py*

Figure 3-12 A nested decision structure



12. Write multiple if statements. If car_year is 1969 or earlier, print "Few safety features.". If 1970 or later, print "Probably has seat belts.". If 1990 or later, print "Probably has anti-lock brakes.". If 2000 or later, print "Probably has air bags." End each phrase with a period and a newline. Save the file as multiple_if_YourName.py

    Ex: car_year = 1995 prints:

Probably has seat belts.
Probably has anti-lock brakes.

13. Write a program that asks for your Name, Age and Salary continuously. Save the file as while_salary_YourName.py

14. Submit the files in Blackboard Lab_04 drop box.

15. Have a Good Day!