

Ruby #1a

Due Date: Aug 26 (11:59 pm).

Total points: 15 points

Directions: Check Gitlab <https://gitlab.com/sanroy/fa22-cs3060-hw> (or check Canvas) for details. The preferred process for completing this assignment should be as follows:

1. Fork the Repository "fa22-cs3060-hw" to a new Repository named "fa22-cs3060-hw" under your namespace (your gitlab username).
2. "git clone" the newly created repository on your local machine
3. Complete this assignment whose details are in hw1 sub-folder, committing changes to files in hw1.
4. Push all commits to your Gitlab repository
5. Add TA (with his gitlab username) and Roy (gitlab id is sanroy) as a developer of your Gitlab repository

If for some reason Gitlab does not work for you, then you submit your work and README file on Canvas.

Tasks:

1. **(10 Points) Task #1:** Write a C program that prints the following: "Hello, C is a static type language whereas Ruby is a dynamic type language". Use gcc command to compile the program to generate an executable file named myExe. Google a little to know how to do it using a flag with the gcc command. Submit a screenshot showing the gcc command. Then, open the file myExe in pico editor and check the content of myExe. Is it readable? Submit a screenshot. Then, run myExe and report the outcome. Submit a screenshot showing the command. Also, submit your C program.
2. **(5 Points) Task #2:** Now write a Ruby program that prints the same message as above. Do you need the compilation step? Also, submit your Ruby program. Then, run the above ruby program and report the outcome. Submit a screenshot showing the command. What is the name of the executable file?