

**Homework 1:** Due 09/10/2022 at 11:59 PM

Your program must compile with gcc and execute on snowball.cs.gsu.edu! Please see <https://cscit.cs.gsu.edu/sp/guide/snowball> for more details. You may use whatever IDEs / text editors you like, but you must submit your responses on iCollege.

1. Briefly describe the semantics of the following Unix system calls (12 Points):
  - a. `fork();`
  - b. `exit();`
  - c. `getpid();`
  - d. `getppid();`
  - e. `waitpid();`
  - f. `execl();`
  
2. Write a C program that uses each of the above system calls at least once. Submit your .c files and screenshots of the corresponding output. Make sure that your program compiles and executes without error. (23 Points)