San Jose State University
Computer Engineering Department
CMPE 142: Operating Systems
Fall 2020 Programming Project 2

Full Name: _____   GID_____

Write a "C" program for Linux that runs an infinite loop sleeping for intervals of 2
seconds. The program starts by printing nothing but if the signal SIGINT is sent to the
program the program writes a short statement with the number of iteration it is executing
(toggle debug on). The program remains printing until another SIGINT is sent to the
process, at that point the print statements are suppressed until it receives a new SIGINT
signal. If the program receives the SIGUSR1 signal it must terminate gracefully returning
the value 0 as exit status. You must turn in working code in one single c file. A turning
without any code gets 0 points. Programs that are copies of another will all get zero
grade. THIS IS AN INDIVIDUAL ASSIGNMENT as any future homework you may
get. REMINDER: late homework == 0 grade.