Taimoor Hafeez CISC 3320 ET6

Assignment 1

Author: Taimoor Hafeez

When a process is created it is given a number by the pid manager. This number is returned to the pid manager when process is finished and can be reused for other processes. Two pid numbers cannot be the same. The minimum value for the pid number is 300 and max is 5000. The goal was to create and API that takes a number between those values one at a time and assign a value of 1 if it is in use and 0 if it is not in use. I assumed that if a pid was in use then the same pid could not be used and if a pid we removed, it could be used. I also assumed that the pid could go up by one or any number for that matter, but just had to be within 300 to 5000.