Assignment 2

Activity: Assignment 2

Course: COMPSCI 3305B 001: OPERATING SYSTEMS

Name: Mohammed Ali Abdul-nabi

General	Level 0 0 points	Level 1 5 points	Level 2 10 points	Criterion Score
Followed submission instructions - Properly followed all submission instructions	Inadequately - Did not follow instructions at all. No tarball submitted or the tarball could not be opened requiring manual follow-up.	Somewhat - Followed most instructions. Single tarball submitted with contents but the contents do not match expectations (eg. missing files)	Perfectly - Followed instructions. Single tarball submitted with only expected contents ✔	10 / 10
Organization and Style - Properly documented and commented. Useful naming conventions. Appropriate spacing.	Inadequate - Commenting is inadequate or missing. Naming is consistently inadequate. Spacing and program layout is difficult to follow.	Fair - Commenting is generally okay. Naming is generally okay. Spacing and program layout is generally okay.	Exceptional - Commenting is exceptional. Naming is exceptional. Spacing and program layout is exceptional. ✔	10 / 10

General	Level 0 0 points	Level 1 5 points	Level 2 10 points	Criterion Score
Command-line parameters - Program accepts two integers on the command-line	Inadequate - Program does not accept a command-line argument or the command-line argument doesn't work	Partially meets expectations - Program accepts command-line arguments but improperly	Meets expectations - Program accepts two integers on the command-line ✔	10 / 10
Forking - Program forks properly. Checks for failure	Inadequate - Program cannot fork properly	Partially meets expectations - Program forks but improperly or it forks properly but does not check for failure	Meets expectations - Program can fork properly ✔	10 / 10
Program output - Program output matches the requirements including displaying PIDs	Inadequate - Program does not produce output or prints completely inaccurate output	Partially meets expectations - Program prints somewhat accurate output	Meets expectations - Program output matches the requirements including the PIDs ✔	10 / 10
Results - Program successfully calculated the product	Inadequate - Program was not able to successfully calculate the product	Partially meets expectations - Program was not able to successfully calculate the product	Meets expectations - Program successfully calculated the product ✔	10 / 10

Assignment Purpose	Level 0 0 points	Level 1 10 points	Level 2 20 points	Criterion Score

Assignment Purpose	Level 0 0 points	Level 1 10 points	Level 2 20 points	Criterion Score
Pipe Creation - Program creates a pipe properly. Checks for failure	Inadequate - Program does not creates a pipe properly.	Partially meets expectations - Program creates a pipe improperly or the program does not check for failure	Meets expectations - Program creates a pipe properly. Checks for failure ✔	20 / 20
Interprocess Communication - The parent and child can communicate over a pipe	Inadequate - The parent and child cannot communicate over a pipe	Partially meets expectations - The parent and child can communicate over a pipe but improperly	Meets expectations - The parent and child can communicate over a pipe ✔	20 / 20

Total	100 / 100

Overall Score

Level 0	🥉	🥈	🥇 ✔