//child parent process

#include <stdio.h>

#include <unistd.h>

#include <sys/wait.h>

void printNumbers(int start, int end, int step, const char\* processName)

{

for (int i = start; i <= end; i += step)

{

printf("%s (%d): %d\n", processName, getpid(), i);

}

}

int main() {

pid\_t pid1, pid2, pid3, pid4;

if ((pid1 = fork()) == 0)

{

printNumbers(1, 20, 2, "Odd");

\_exit(0);

}

if ((pid2 = fork()) == 0)

{

printNumbers(2, 20, 2, "Even");

\_exit(0);

}

if ((pid3 = fork()) == 0)

{

printNumbers(3, 30, 3, "Multiples of 3");

\_exit(0);

}

if ((pid4 = fork()) == 0)

{

printNumbers(5, 50, 5, "Multiples of 5");

\_exit(0);

}

waitpid(pid1, NULL, 0);

waitpid(pid2, NULL, 0);

waitpid(pid3, NULL, 0);

waitpid(pid4, NULL, 0);

return 0;

}

Output:

