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#include <stdio.h>
#include <unistd.h>
#include <stdlib.h>
#include <sys/types.h>
#include <sys/wait.h>
void DoWork(int iterations, int delay) {
   int i, j;
   for (i = 0; i < iterations; i++){</pre>
       printf("[%d]: Step %d\n", getpid(), i);
       for (j = 0; j < delay; j++); //introduce some fictional work</pre>
   }
}
// D ~ 310000
int main(int argc, char* argv[]) {
   int childpid;
   int delay;
   if (argc < 2) {</pre>
       printf("Usage: %s Delay\n", argv[0]);
       printf("Delay is a positive integer number.\n");
       return -1;
   delay = atoi(argv[1]);
   childpid = fork();
   if (childpid == 0){ //1st child
       DoWork(5, delay);
       printf("[%d] Child Done!\n", getpid());
                     //1st child end
       return 0;
   DoWork(5, delay);
   wait(NULL);
   printf("[%d] Parent Done!\n", getpid());
   return 0;
}
```