

Northern Michigan University (Marquette Co, MI)

CS426-01-26F: Operating Systems

Practice Quiz 1: Thursday 3 September 2026 3:00 P.M. EDT

Time: 15 minutes

Write a complete C program that creates a child process. The child process should run a program called "spaghetti" in the current folder. The parent, after the child is finished running, should print "That was awesome!" Other than the parent's print method, only low level system calls should be used to accomplish this.

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```
#include <stdio.h>
#include <string.h>
#include <stdlib.h>
#include <unistd.h>
#include <sys/wait.h>

int main (int argc, char **argv) {
    int pid = fork();
    if (pid==0) execl
("./spaghetti", "spaghetti", NULL);
    else {
        wait (NULL);
        printf ("That was awesome!\n");
    }
    return 0;
}
```