

```
#include <stdio.h>

#include <unistd.h> // for fork, getpid, getppid

#include <sys/types.h>

int main() {

    int pid;

    char name[50];

    printf("Enter your name: ");

    scanf("%s", name);

    pid = fork(); // create a new process

    if (pid < 0) {

        printf("Fork failed!\n");

    }

    else if (pid == 0) {

        printf("\n--- Child Process ---\n");

        printf("Hello %s, this is the Child process.\n", name);

        printf("Child PID: %d\n", getpid());

        printf("Parent PID: %d\n", getppid());

    }

    else {

        printf("\n--- Parent Process ---\n");

        printf("Hello %s, this is the Parent process.\n", name);

        printf("Parent PID: %d\n", getpid());

        printf("Child PID: %d\n", pid);

    }

    return 0;

}
```