**Program:**

#include<stdio.h>

#include<stdlib.h>

int main(void)

{

int exit\_status =10;

int child = fork();

printf("parent pid %d ppid %d\n",getpid(),getppid());

if(child!=0)

{

printf("inside parent pid %d ppid %d\n",getpid(),getppid());

waitpid(child,&exit\_status, WUNTRACED | WCONTINUED) ;

if(WIFEXITED(0))

{

printf("child exit status = %d\n",WEXITSTATUS(exit\_status));

printf("parent exited\n");

}

}

else{

printf("inside child pid %d ppid %d\n",getpid(),getppid());

printf("child exit\n");

exit(0);

}

}

**Output:**



