**Exp 10.2**

**Code:**

#include<stdio.h>

#include<sys/types.h>

#include<unistd.h>

int main()

{

pid\_t childpid;

printf("the main program process ID is %d\n",getpid()); //get the main process id

childpid=fork();

if(childpid!=0)

{

printf("this is the parent process with id %d\n",getpid());

printf("the child process ID is %d\n",childpid);

}

else

{

printf("this is the child process with id %d\n",getpid());

}

return 0;

}

**Output:**

the main program process ID is 2868

this is the parent process with id 2868

the child process ID is 2869