**PROGRAM**

#include<stdio.h>

#include<sys/types.h>

#include<unistd.h>

void main()

{

pid\_t pid;

pid=fork();

if(pid<0)

{

perror("Fork error");

}

if(pid>0)

{

wait(5);

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

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

printf("Hai\n\n");

}

else

{

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

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

printf("Parent ID Of Child :%d\n\n",getppid());

printf("Hello\n\n");

}

}

**OUTPUT**

**mat@mat-18:~/Desktop/VANISHA46$ gcc forkhai.c**

**mat@mat-18:~/Desktop/VANISHA46$ ./a.out**

PID :0

Child Block ID: 2045

Parent ID Of Child :2044

Hello

PID :2045

Parent Block ID: 2044

Hai