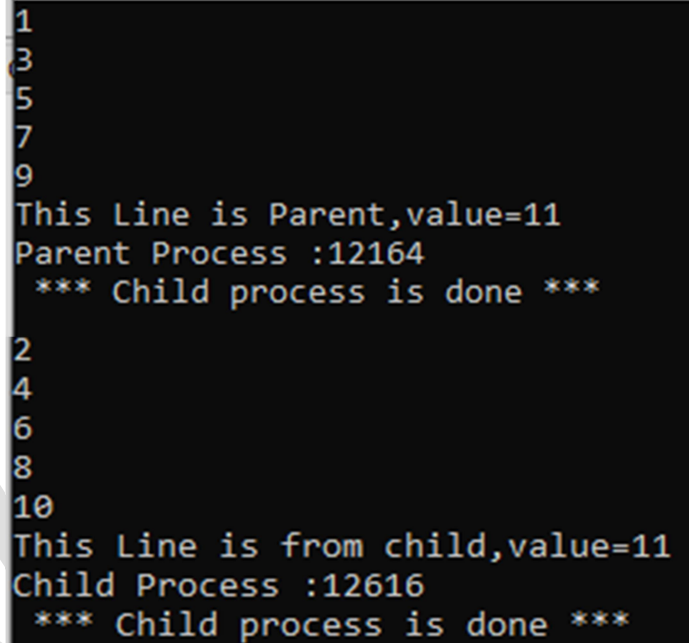


Experiment :- 3

```
#include<stdio.h>
#include<sys/types.h>
#include<unistd.h>
#define MAX_COUNT 10
void ChildProcess(void);    /*Child process prototype*/
void ParentProcess(void);   /*parent process prototype*/
int main()
{
    pid_t pid;
    if(pid==0)
        ChildProcess();
    else
        ParentProcess();
}

void ChildProcess(void)
{
    int i;
    for(i=1; i<=MAX_COUNT; i++)
    {
        if(i%2==0)
        {
            printf("%d\n",i);
        }
    }
    printf("This Line is from child,value=%d\n",i);
    printf("Child Process :%d\n",getpid());
    printf(" *** Child process is done ***\n");
}

void ParentProcess(void)
{
    int i;
    for(i=1; i<=MAX_COUNT; i++)
    {
        if(i%2!=0)
        {
            printf("%d\n",i);
        }
    }
    printf("This Line is Parent,value=%d\n",i);
    printf("Parent Process :%d\n",getpid());
    printf(" *** Child process is done ***\n");
}
```



```
1
3
5
7
9
This Line is Parent,value=11
Parent Process :12164
*** Child process is done ***
2
4
6
8
10
This Line is from child,value=11
Child Process :12616
*** Child process is done ***
```