EXERCISE ONE

```c
#include<stdio.h>
#include<unistd.h>
#include<sys/types.h>
void main()
{
printf("Before declaring FORK.");
printf("The value of PID is : ");
printf("%d",getpid());
printf("The value of PPID is : ");
printf("%d",getppid());

pid_t pid=fork();//Used to create child process
if(pid==0)//Child Process
{
printf("After declaring FORK.");
printf("The value of PID is zero.");
printf("The value of PID is : ");
printf("%d",getpid());
printf("The value of PPID is : ");
printf("%d",getppid());
}
else if(pid>0)//Parent Process
{
printf("After declaring FORK.");
printf("The value of PID is greater than zero.");
printf("The value of PID is : ");
printf("%d",getpid());
printf("The value of PPID is : ");
```

```
        printf("%d",getppid());

    }

    else//Error

    {

    printf("After declaring FORK.");

    printf("The value of PID is less than zero.");

    printf("The value of PID is : ");

    printf("%d",getpid());

    printf("The value of PPID is : ");

    printf("%d",getppid());

    }

}
```