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Batch: T8

<div align="center">Assignment 2-A</div>

CODE:

2-A: Orphan

```c
#include<stdio.h>
#include<stdlib.h>
#include<unistd.h>
#include<sys/types.h>
int main()
{
        int pid;
        pid = fork();
        if(pid==0)
        {
            //orphan State
            printf("\n Before Orphan");
            printf("\nChild process. Child id is %d \n",getpid());
            printf("\nChild process. Parent id is %d\n",getppid());
            printf("\n");
            sleep(5);
            printf("\n After Orpann");
            printf("\nChild process id is %d \n",getpid());
            printf("\nChild Process. Parent id is %d",getppid());
        }
        else
        {
            printf("\nParent process. Parent id is %d \n",getpid());
            printf("\nParent process. Parent's Parent id is %d \n",getppid());
        }
}
```
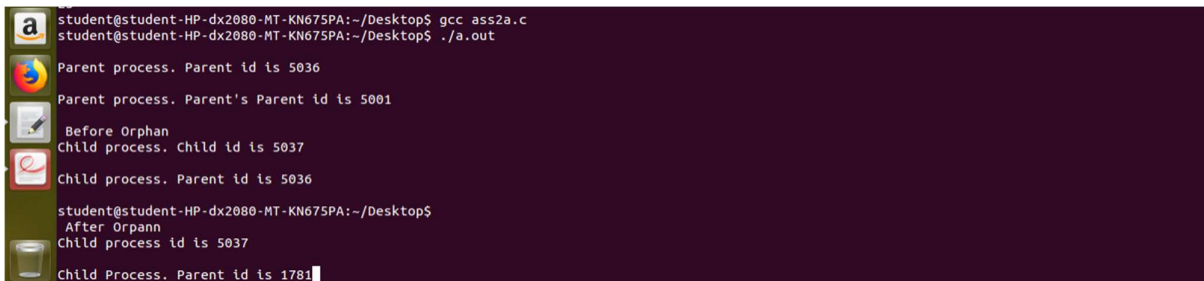
OUTPUT: