Exercise – 5

1. Create processes as per the following hierarchy and print their pid and parent pid

$$P1$$

```
        P1
       /  \
      P2    P3
     /        \
    P4          P5
```
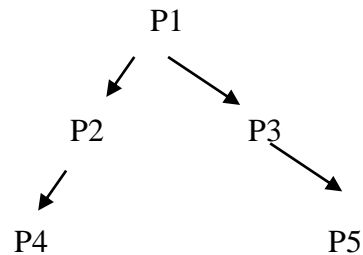
2. Create processes as per the following hierarchy and print their pid and parent pid

```
         P1
        /  \
      P2    P3
     /  \     \
    P6   P5    P4
```
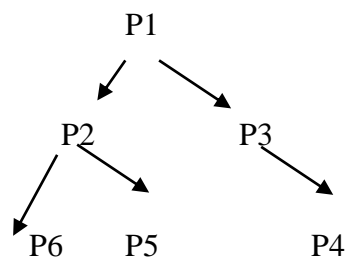
 3. Create 2 processes (parent and child process) and a pipe. Child process read N
    characters and puts in to the pipe and Parent process reads and finds total no of vowels.

4. Create 3 processes (parent, child process, grandchild) and 2 pipes. Child process read
   N integers and puts in to the pipe1 then   Parent process reads those integers from pipe1
   and display the prime numbers only and child process put all odd numbers in pipe2
   and grandchild process reads all odd numbers from pipe2 and finds the sum of those
   numbers.