1. Write a C program to create a new child process and print "I am child" in parent process and "I am Parent" in parent process

2. Write a C program that prints 1...10 in both parent and child process. Explain the output

3. Write a C program **stat.c** that prints File type and mode of a given file.

4. Write a C program that checks whether a directory by name "fisat" exists in the current directory

5. Write a C program that prints PID of itself and its parent. *You should create a child process and PID of itself and its parent should be printed for both*

6. Write a C program with 4 calls to *fork()* as below and print "Hello" after that. Explain the output.

```
fork();
fork();
fork();
fork();
printf("Hello World\n");
```