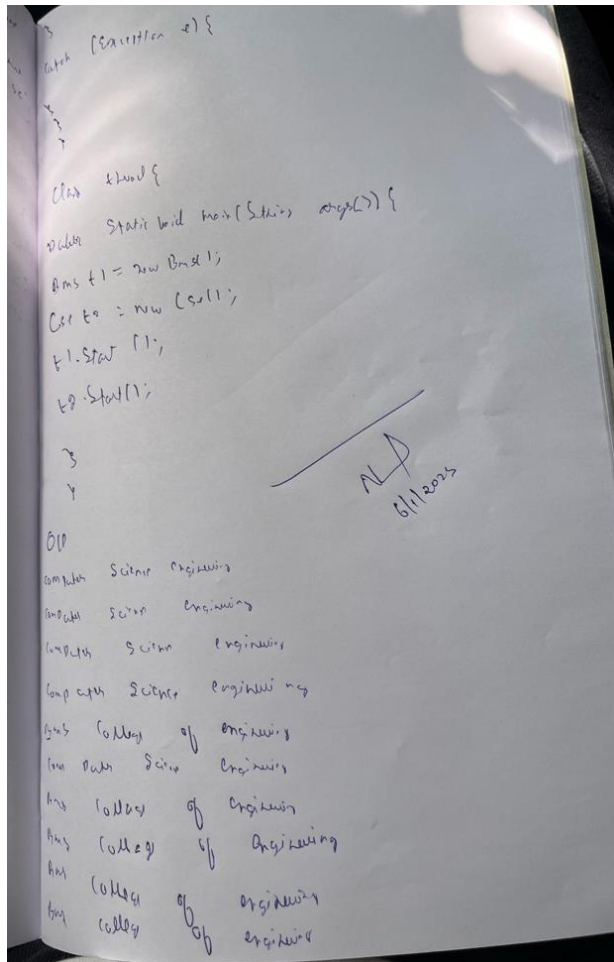


Code

7) Write a program which uses two threads to
display 'P' from thread 1 and 'S' from thread 2
alternately 10 times and prints the display on the screen.

```
5.1)
class PNSThread1 {
    synchronized public void run() {
        try {
            int i = 0;
            while (i < 5) {
                sleep(1000);
                System.out.println("P" + i);
                i++;
            }
        } catch (Exception e) {}
    }
}

class SNTThread2 {
    synchronized public void run() {
        try {
            int i = 0;
            while (i < 5) {
                sleep(1000);
                System.out.println("S" + i);
                i++;
            }
        } catch (Exception e) {}
    }
}
```



Output

```

C:\Users\BMSCE\Desktop\1BM21CS060>java thread
Computer science engineering
Computer science engineering
Computer science engineering
Computer science engineering
BMS college of engineering
Computer science engineering
BMS college of engineering
BMS college of engineering
BMS college of engineering
BMS college of engineering

```