

Assignment 6

Due: Friday, November 20th 11:59 PM

Problem1: The coder did a bad job in writing this program, it has some syntax errors. Correct the program.

```
class TestJoinMethod1 implements Thread{
    public void start{
        for(int i==1;i<=3;i++){
            try{
                Thread.sleep{500};
            }catch(Exception e){System.out.println(e);}
            System.out.println(i);
        }
    }
    public static void main(String args[]){
        TestJoinMethod1 t1=new TestJoinMethod1(1,2);
        TestJoinMethod1 t2=new TestJoinMethod1(2,4,5);
        TestJoinMethod1 t3=new TestJoinMethod1('sys',1,'a');
        t1.run();
        try{
            t1.join();
        }catch(Exception e){System.out.println(e);}
        t2.start();
        t3.start();
    }
}
```

Problem 2. Write a program and use the concept of multi-threading.

Make use of the following in your program:

1. `yield()`
2. `sleep()`
3. `getName()`
4. `join()`

Explain your output and use of these methods. why you got that output, and could it be different if you run the program again? Why or why not?

Instructions:

- Kindly submit 3 files:
2 .java files (1 each for Q1 and Q2).
1 Word file documenting your explanation for Q2 along with screenshots of your Java program.