## Week 06 : Programming Assignment 4

Due on 2025-03-06, 23:59 IST

Execution of two or more threads occurs in a random order. The keyword synchronized in Java is used to control the execution of threads in a specific sequence. In the following program, some numbers are expected to be printed. Use the synchronized keyword appropriately to ensure that the program prints the output in the following order:

OUTPUT						
5						
10						
15						
20						
25						
100						
200						
300						
400						
500						

Private Test cases used for evaluation	Input	Expected Output	Actual Output	Status
		5\n	5\n	
		10\n	10\n	
		15\n	15\n	
		20\n	20\n	
est Case 1		25\n	25\n	Passed
est case i		100\n	100\n	
		200\n	200\n	
		300\n	300\n	
		400\n	400\n	
		500	500\n	

The due date for submitting this assignment has passed. 1 out of 1 tests passed. You scored 100.0/100.

Assignment submitted on 2025-03-05, 19:46 IST

```
Your last recorded submission was
    public class W06_P4{
public static void main(String args[]){
     Execute obj = new Execute();//only one object
     Thread t1=new Thread1(obj);
     Thread2 = new Thread2(obj);
     t1.start();
     t2.start();
```

Sample solutions (Provided by instructor) public class W06\_P4{
public static void main(String args[]){
 Execute obj = new Execute();//only one object
 Thread1 t1=new Thread1(obj);
 Thread2 t2=new Thread2(obj);
 t1.start();
 t2.start();