

	Main	Thread 1	Thread 2	Thread 3	Thread 4	Thread 5
Transition 0	Initialises 5 Forks and 1 Philosopher and starts the					
Transition 1-12	Initialises the other 4 Philosopher and starts their threads.					
Transition 13-14		Synchronises the left fork (takes it) and tries to take the right fork.				
Transition 15-16			Synchronises the left fork (takes it) and tries to take the right fork.			
Transition 17-18				Synchronises the left fork (takes it) and tries to take the right fork.		
Transition 19-20					Synchronises the left fork (takes it) and tries to take the right fork.	
Transition 21-22						Synchronises the left fork (takes it) and tries to take the right fork.