For the given program :

Code, Snapshots with the directory of your Reg. No have to be submitted in the report along with the following

1. List the table (you can list it for multiple runtimes)

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Number of threads | Static Time | | Dynamic time | | Guided time | |
| Run time1 | Run time2 | Run time1 | Run time2 | Run time1 | Run time2 |
|  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |

1. Find the optimal number of threads
2. Find the parallelization fraction
3. Find the speedup
4. Draw the plot Speedup Vs threads
5. Draw the plot Average run time Vs Threads for three scheduling
6. Will there be any difference in the timing with and without synchronization? Justify