

| S No. | Mini-project description   |
|-------|--|
| 1     | <p data-bbox="276 203 584 232"><b>Hare and Tortoise Race</b></p> <p data-bbox="276 344 1394 421">This is a simple project which involves creation of multiple threads and explores some thread control mechanisms and thread priorities.</p> <ol data-bbox="323 533 1474 842" style="list-style-type: none"> <li>Create two threads named 'Hare' and 'Tortoise'. The threads created should run 100 meters and the thread which finishes first 'wins the race'. When one of the threads wins the race, stop the second thread.<br/>Start both the threads and observe which thread finishes first.</li> <li>Since the Hare is faster than Tortoise, set a high priority to Hare thread and observe the results.</li> <li>Now modify the program so that the 'Hare' thread 'sleeps' for 1000 milliseconds after running 60 meters. Observe which thread wins the race.</li> </ol> <p data-bbox="276 987 628 1016"><b>How the thread is created:</b></p> |