S No.	Mini-project description		
1	Hare and Tortoise Race		
	This is a simple project which involves creation of multiple threads and explores some thread control mechanisms and thread priorities.		
	 a. 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. Start both the threads and observe which thread finishes first. b. Since the Hare is faster than Tortoise, set a high priority to Hare thread and observe the results. c. Now modify the program so that the 'Hare' thread 'sleeps' for 1000 milliseconds after running 60 meters. Observe which thread wins the race. 		
	How the thread is created:		
	We can create threads in two ways: Either by extending Thread class or by implementing Runnable interface. (Explore -> Thread class and Runnable Interface) [Explore More]		
	[Explore Wore]		
	How the Thread runs 100 meters:		
	We can use a 'for loop' for iterating from 0 to 100. A print statement can be included so that we can see how far each thread has run. (Refer the previous modules to see the usage of loops)		

	e a variable to store the distance covered. I	Γhe same variable is used to
iterate the loo).	
How to set Pri	orities to Threads:	
Since the Hare	is faster than Tortoise, we can set a higher	· priority to Hare thread.
Make use of th	e static variables in the Thread class to sele	ect proper priority for each thread
		[Explore More
		[Explore More
How to make t	he Hare 'sleep':	
Ma can maka i	see of come thread controlling machanism	to 'nauco' the Hare threed for a
we can make t specific period	ise of some thread controlling mechanism of time	to pause the Hare thread for a
specific period	or time.	
		[Explore More
Get the name	be suspended for 1000	
milliseconds.		•