Examples screenshot

Example#1:

```
Before the parallel region:-
Value returned by in_parallel: 0

Inside parallel region:-
Value returned by in_parallel: 1
The total number of processors in the system: 4
get_max_threads function returns: 4
Thread limit: 2147483647
Enter the number of threads to be run in the parallel region:7


Total number of threads: 4
Setting total number of threads to 7...
Total number of threads after setting: 7
Sequence of execution of threads:  3 1 2 0 4 5 6
Current maximum active levels: 2147483647
Setting maximum active levels to 15
After setting, maximum active levels: 15
Number of nested parallel region: 1
Number of active, nested parallel region: 1

Value of get_nested before: 0
Setting value of get nested to 3.
Value of get_nested after setting: 1

Locks:
Initializing a lock using init_lock()..
Setting the lock using set_lock()
Unsetting the lock using unset_lock()
Destroying the lock using destroy_lock()..

 Teams:
 Number of teams: 0
 Team number: 0

 Dynamic:
 Value returned by get_dynamic: 0
 Setting dynamic threads to 1...
 Value returned by get_dynamic after setting: 1
 Setting dynamic threads back to 0 ...
```

Example#2:

```
 Enter the number of rows of first matrix:3

 Enter the number of columns of first matrix:3

 Enter the number of rows of second matrix:3

 Enter the number of columns of second matrix:3

Enter the first matrix:[1,2,3;4,5,6;7,8,9;]

Enter the second matrix:[7,8,9;4,5,6;1,2,3;]



      Matrix multiplication:
      Matrix A:
 1.   2.   3.
 4.   5.   6.
 7.   8.   9.

      Matrix B:
 7.   8.   9.
 4.   5.   6.
 1.   2.   3.

      Product of the matrices using OpenMp (mat_mul function):
 18.   24.    30.
 54.   69.    84.
 90.   114.   138.


      Total time taken for program execution: 29.72 s
```