**Program Name: B.SC IT ( Sem-3) Section :\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Weekly Assignment by :---- Dr Rachna Jain**

**Course Name: Object Oriented Programming Using Java**

**Assignment No.: 4 Date:\_\_\_\_\_\_\_\_\_\_**

**Student’s Name:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Enrolment No.:\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Assignment Title/Description:**

Write a java program that implements a multi-thread application that has three threads.

* First thread generates the power of any given number
* Second thread computes the value of the square of the number.
* Third thread computes the value of cube of the number

and after that print the values from all the three threads.

And then print the values from all the three threads.

**Assignment Objective:**

Student able to understand the Multithreading concepts.

**Module and Topic(s) Covered:**

Thread: Thread life cycle, Creating and implementing thread, multi-threaded programming, thread priorities, synchronization of thread, resuming and stopping Threads

**Students’ Learning Outcomes To Be Achieved:**

* Analyze, and evaluate appropriate abstract data types and algorithms to solve problems.

**Students’ Learning Outcomes Achieved:**