**Multithreading**

1. a) Create two threads, one to print even and one to odd number (from 1 to 100).

b) Synchronize the above program.

2. Suppose one class creating a thread, has one string array with values (“Hi”, “How are you?”, “I am also doing fine!”) and another class creating another thread, has another array of strings with values (“Hi!” ,“ I am good. What about you?”, “Great!”). Write a JAVA program to simulate how these two threads can communicate using wait() and notify() methods . Output will be :

Hi

Hi!

How are you?

I am good. What about you?

I am also doing fine!

Great!