Write a Java program that creates two threads, one to print even numbers and the other to print odd numbers between 1 and 10. The program should use synchronization to ensure that the two threads alternate in printing the numbers, starting with the odd thread.

Hints:

* Use the Runnable interface to define the code that will be executed in each thread.
* Use a synchronized block to ensure that only one thread can access the shared resource (the current number) at a time.
* Use a wait() and notify() mechanism to make the threads alternate in printing the numbers.

Sample Output:

