List of Thread Programs in Java

1. Check the details of current thread (id, name, priority, setName etc.)
2. Create single thread by extending class thread.
3. Create a single thread by implementing runnable interface:
    a. Take thread object in main
    b. Take thread object in class that is implementing runnable
4. Create multiple threads by extending thread class and assign same task to all the threads.
5. Create multiple threads by implementing runnable and assign different task to each thread (prime number, whether given number is Armstrong or not).
6. Write a program to demonstrate priorities among multiple threads.
7. Use of synchronization.
8. Implement producer consumer problem (all four)
    producer : p
    consumer : c
    a. single p single c
    b. single p multiple c
    c. multiple p single c
    d. multiple p multiple c