Exercise 7

1. WAP in java to demonstrate multiple threads using Thread class?
2. WAP in java to demonstrate multiple threads using Runnable interface?
3. WAP in java to demonstrate sleep(), join() and setPriority() methods?
4. WAP in java to create Multi-threaded Chat Application in Java?

5. WAP in java to build calculator so that it can handle all the exceptions?
6. WAP in java that count how many prime numbers between minimum and maximum values provided by user. If minimum value is greater than or equal to maximum value, the program should throw a Invalid Range exception and handle it to display a message to the user on the following format: Invalid range: minimum is greater than or equal to maximum. For example, if the user provided 10 as maximum and 20 as minimum, the message should be: Invalid range: 20 is greater than or equal to 10?