# 08. MultiThreading – Assignment

1. Write a program that picks up a question from an array containing 10 elements and displays the question. It then waits 30 seconds for the user to answer. If user answers it correctly, then it moves to the next question otherwise terminates the program.
2. Write a java program to create a class called FileWatcher that can be given several filenames that may or may not exist. The class should start a thread for each file name. Each thread will periodically check for the existence of its file. If the file exists, the thread will write a message to the console and then end.
3. Write a java program to create a class called FileWatcher that can be given several filenames that may or may not exist. The class should start a thread for each file name. Each thread will periodically check for the existence of its file. If the file exists, the thread will write a message to the console and then end.
4. Automatically create and delete a file(set timer)
5. Write a Java program which demonstrates join() method of a Thread class
6. Write a program where the Producer pushes the elements into the stack and the Consumer pops the elements from the stack. Use Synchronization.
7. Write a Java Program which demonstrates Producer Consumer in Synchronization for a Bank Account where the joint customers are doing withdraw operations (Use wait() and notify() methods).
8. Write a Java Program which demonstrates Deadlock situation
9. Write a program which demonstrates the methods present in Thread class.