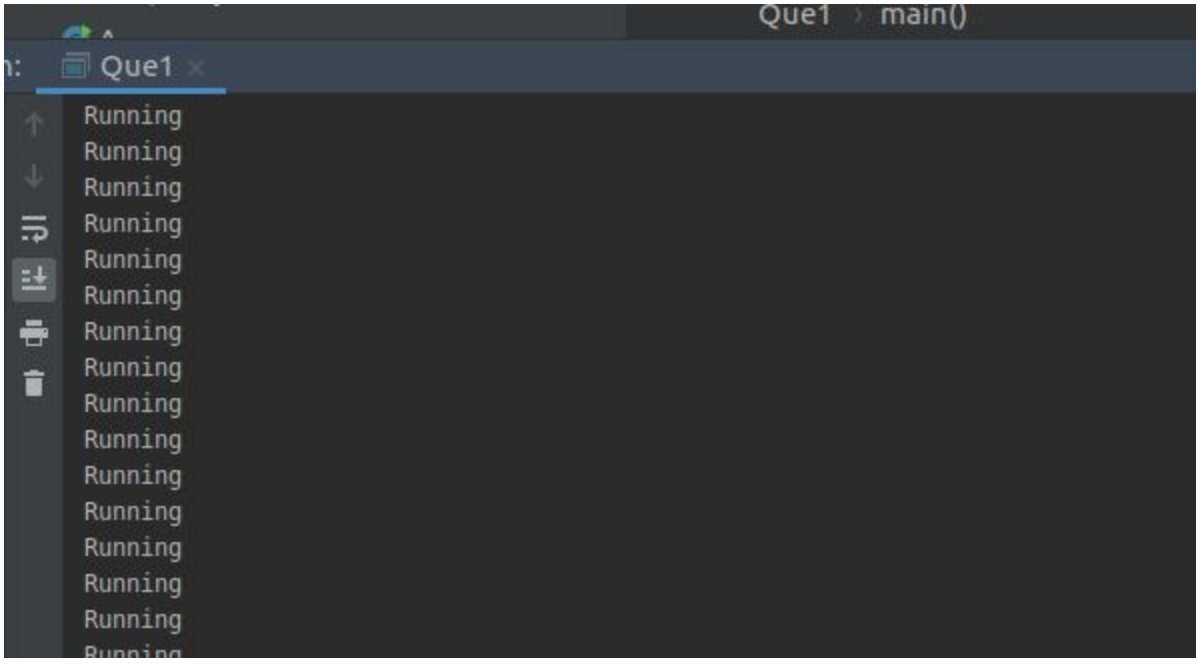
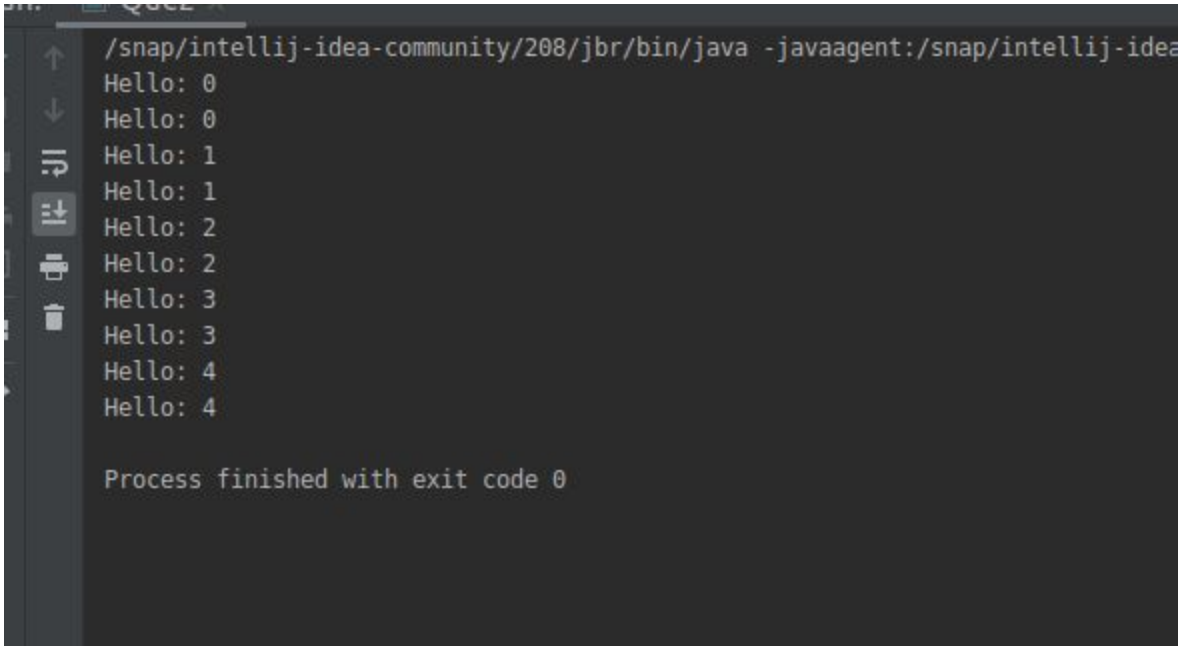
Basics of Multi Threading

1. Write a program do to demonstrate the use of volatile keyword.

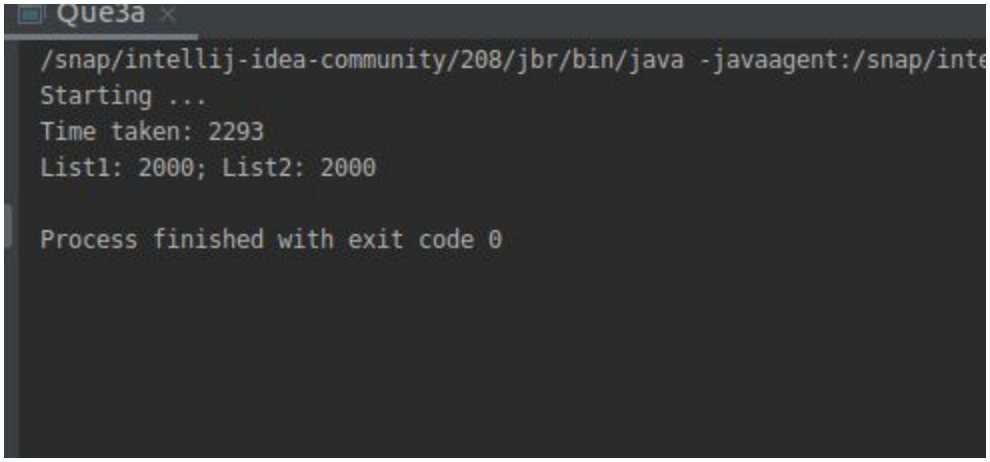


2.Write a program to create a thread using Thread class and Runnable interface each.



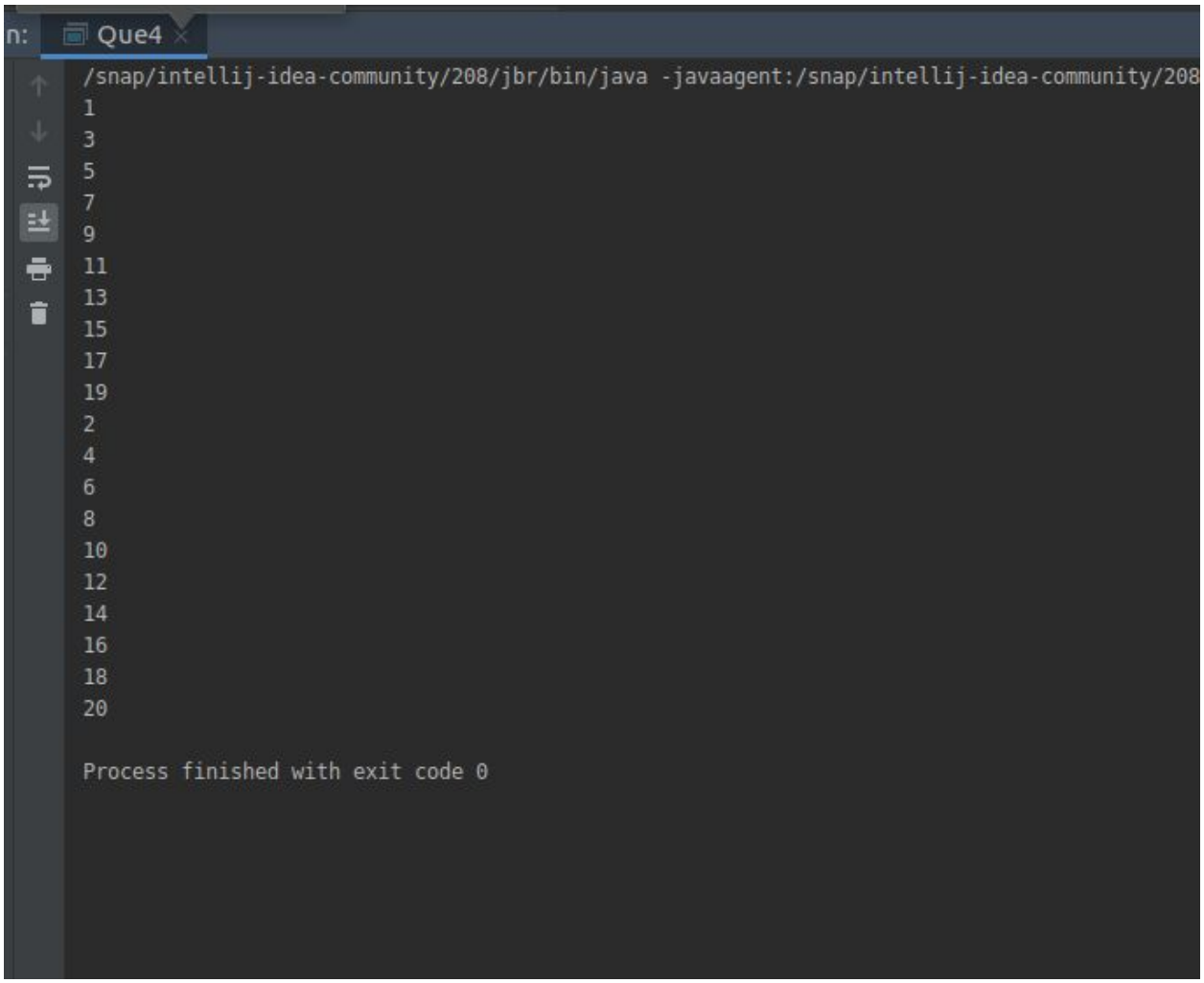
3.Write a program using synchronization block and synchronization method

ANS> synchronization block

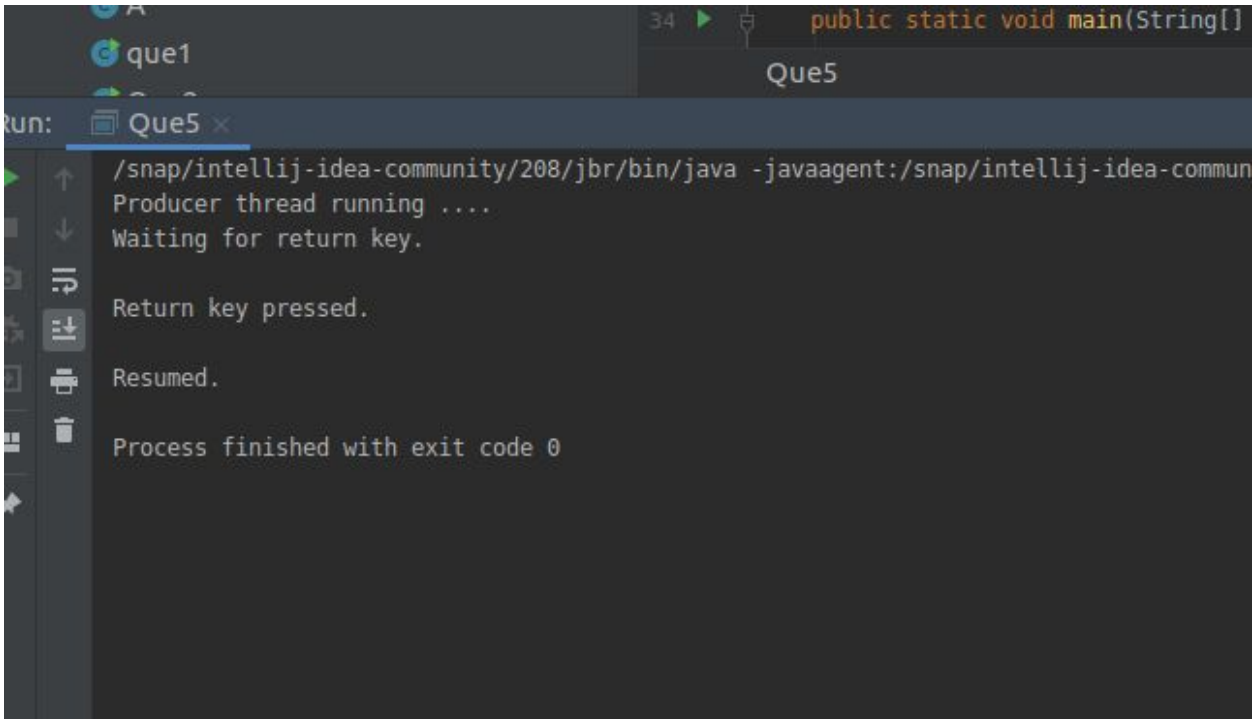


synchronization method

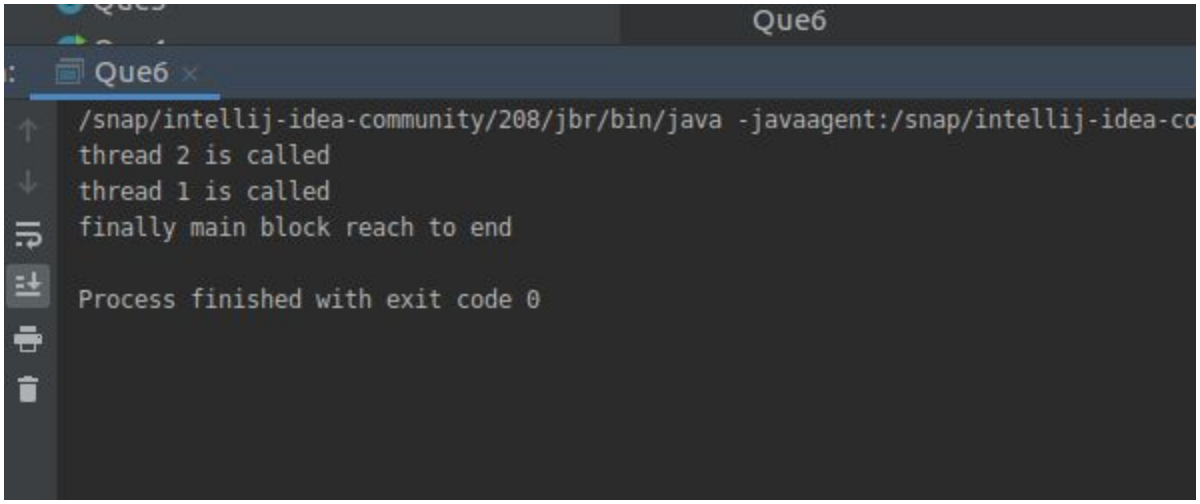
4.Write a program to create a Thread pool of 2 threads where one Thread will print even numbers and other will print odd numbers.



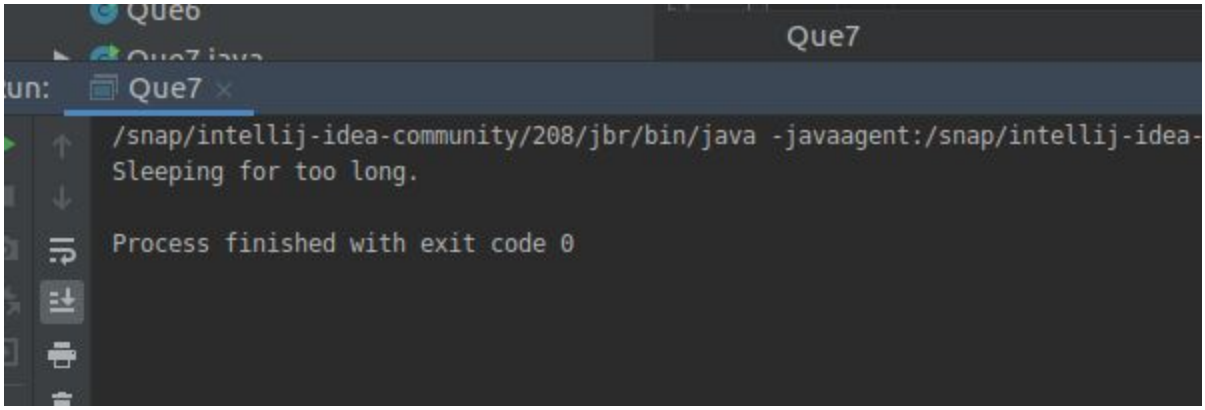
5.Write a program to demonstrate wait and notify methods.



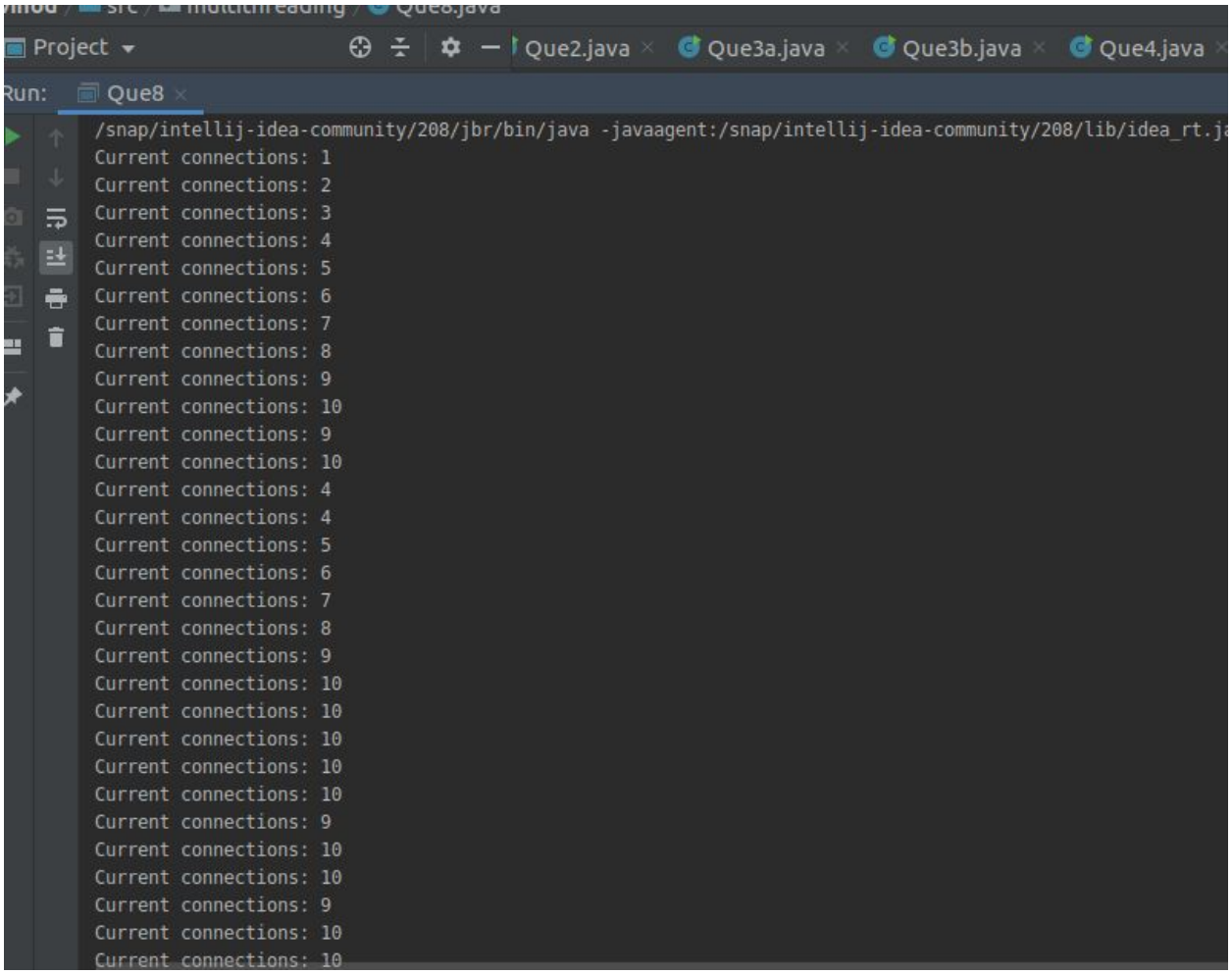
6.Write a program to demonstrate sleep and join methods.



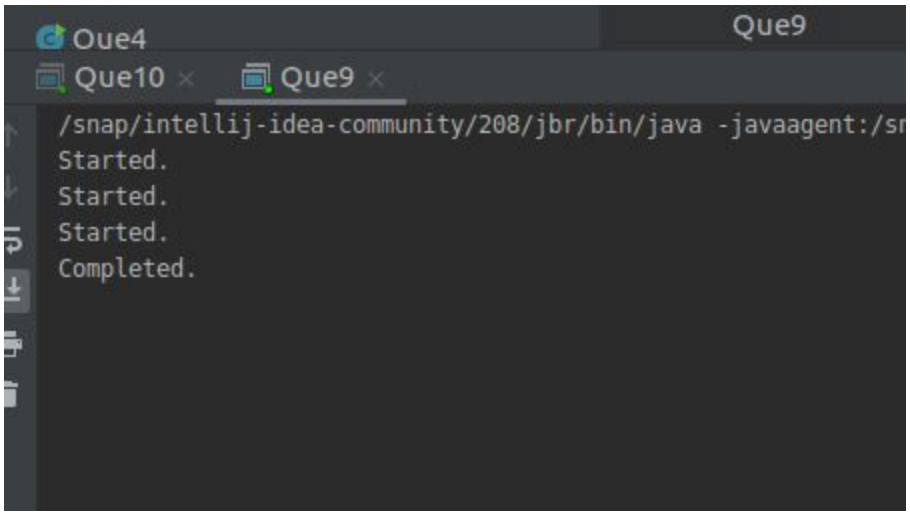
7.Run a task with the help of callable and store it's result in the Future.



8.Write a program to demonstrate the use of semaphore



9.Write a program to demonstrate the use of CountDownLatch



10.Write a program which creates deadlock between 2 threads