**Write a program to illustrate creation of threads using runnable class. (start method start each**

**of the newly created thread. Inside the run method there is sleep() for suspend the thread for 500**

**milliseconds)**

**Save Filename as: ThreadMain.java**

**Solution:-**

class MyRunnable implements Runnable

{

public void run()

{

try

{

System.out.println("Thread " + Thread.currentThread().getId() + " is running.");

Thread.sleep(500);

}

catch (InterruptedException e)

{

System.out.println("Thread interrupted: " + e.getMessage());

}

}

}

public class ThreadMain

{

public static void main(String[] args)

{

int numThreads = 5;

for (int i = 0; i<numThreads; i++)

{

Thread thread = new Thread(new MyRunnable());

thread.start();

}

}

}

**Compile As: javac ThreadMain.java**

**Run As: java ThreadMain**

**Output:**

**Thread 10 is running.**

**Thread 12 is running.**

**Thread 14 is running.**

**Thread 13 is running.**

**Thread 11 is running.**