

**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.**