Write a program to create a class MyThread in this class a constructor, call the base class constructor, using super and starts the thread. The run method of the class starts after this. It can be observed that both main thread and created child thread are executed concurrently

CODE:  
import java.util.Scanner;

class MyThread extends Thread {

public MyThread(String name) {

super(name); // Call base class constructor

start(); // Start the thread

}

@Override

public void run() {

System.out.println("Thread '" + getName() + "' is running.");

}

}

public class MyThreads2 {

public static void main(String[] args) {

Scanner scanner = new Scanner(System.in);

// Input thread name

System.out.print("Enter the name of the thread: ");

String threadName = scanner.nextLine();

// Create an instance of MyThread

MyThread myThread = new MyThread(threadName);

// Main thread tasks

for (int i = 0; i < 5; i++) {

System.out.println("Main thread is executing.");

try {

Thread.sleep(1000); // Sleep for 1 second

} catch (InterruptedException e) {

e.printStackTrace();

}

}

scanner.close(); // Closing the scanner object

}

}

OUTPUT:

C:\javap>javac MyThreads2.java

C:\javap>java MyThreads2

Enter the name of the thread: qwerty

Main thread is executing.

Thread 'qwerty' is running.

Main thread is executing.

Main thread is executing.

Main thread is executing.

Main thread is executing.

