import java.util.concurrent.Callable;

import java.util.concurrent.ExecutorService;

import java.util.concurrent.Executors;

import java.util.concurrent.Future;

class Task implements Callable {

String taskname;

public Task(String name)

{

taskname = name;

}

public String call()

{

System.out.println("The task name is " +taskname +" executed by " +Thread.currentThread().getName());

return taskname;

}

}

public class CallableTaskDemo {

public static void main(String a[])

{

Task task1 = new Task("Task1");

Task task2 = new Task("Task2");

Task task3 = new Task("Task3");

ExecutorService threadexecutorPool1 = Executors.newFixedThreadPool(3);

ExecutorService threadexecutorPool2 = Executors.newFixedThreadPool(3);

Future<String> f1=threadexecutorPool1.submit(task1);

Future<String> f2=threadexecutorPool2.submit(task2);

Future<String> f3=threadexecutorPool2.submit(task3);

}

}