Tutorial: Start Threading

1. MainThread.java

```
public class MainThread {

   public static void main(String[] args) {
      System.out.println(Thread.currentThread().getName());
      System.out.println(Thread.currentThread().getId());
   }
}
```

2. MyThread

```
class MyThread extends Thread {

   public void run() {
      System.out.println("running...");
   }

   public static void main(String args[]) {
MyThread t1 = new MyThread();
      MyThread t2 = new MyThread();
      System.out.println("Name of t1:" + t1.getName());
      System.out.println("Name of t2:" + t2.getName());
      System.out.println("id of t1:" + t1.getId());

      t1.start();
t2.start();

      t1.setName("STIW3054");
      System.out.println("After changing name of t1:" + t1.getName());
   }
}
```

3. MyThreadThread

```
public class MyThreadThread extends Thread {
   public static void main(String[] args) {
new Thread(new MySleep()).start();
new Thread(new MySleep()).start();
   }

   @Override
public void run() {
      try {
         for (int x = 0; x < 1000; x++) {
System.out.println(x);
            sleep(2000);
         }
      } catch (Exception e) {
         e.printStackTrace();
      }
   }
}
```

4. MySleep

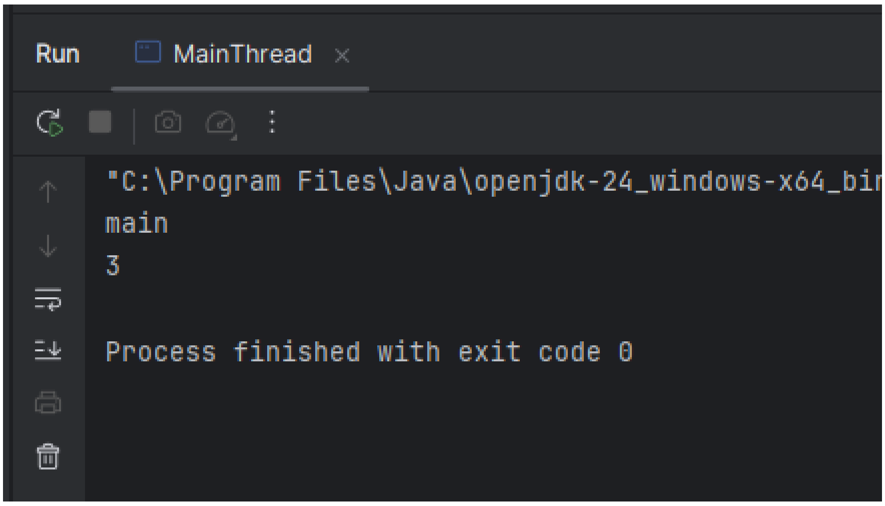
```
public class MySleep extends Thread {

   public static void main(String[] args) {
      new Thread(new MySleep()).start();
   }

   @Override
public void run() {
      try {
         for (int x = 0; x < 1000; x++) {
System.out.println(x);
            sleep(2000);
         }
      } catch (Exception e) {
         e.printStackTrace();
      }
   }
}
```

Output

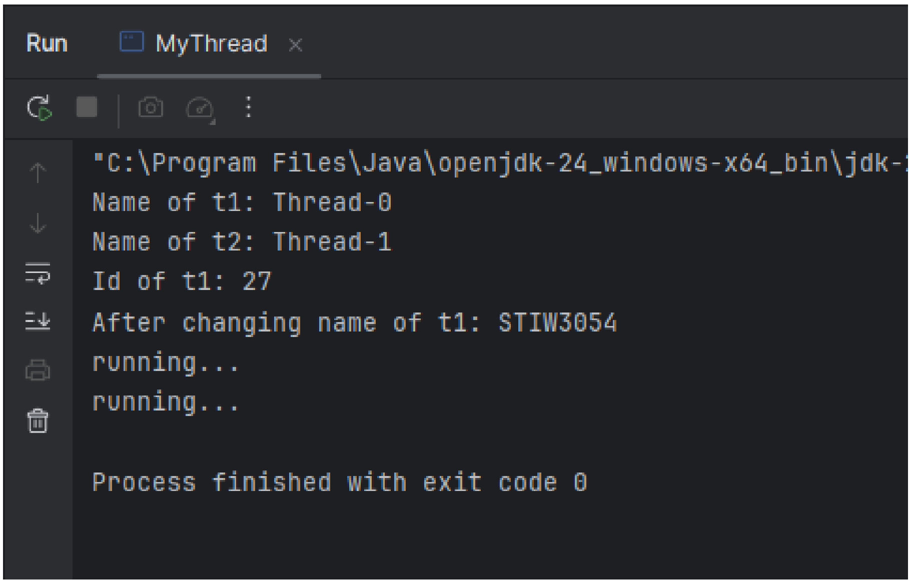
MainThread.java



```
"C:\Program Files\Java\openjdk-24_windows-x64_bin
main
3

Process finished with exit code 0
```

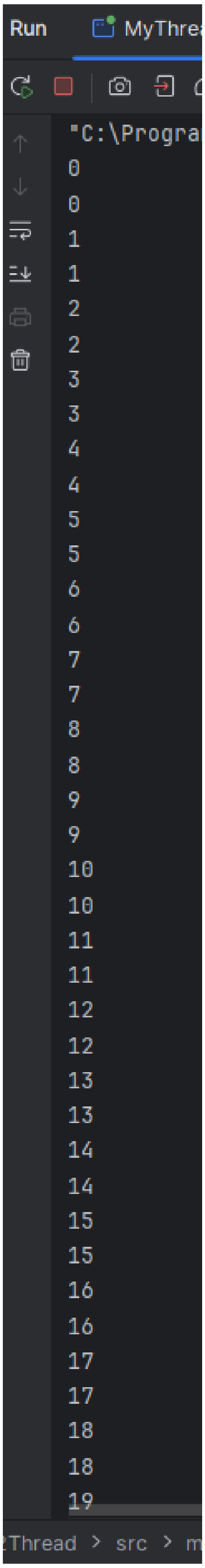
MyThread.java



```
"C:\Program Files\Java\openjdk-24_windows-x64_bin\jdk-
Name of t1: Thread-0
Name of t2: Thread-1
Id of t1: 27
After changing name of t1: STIW3054
running...
running...

Process finished with exit code 0
```

MyThreadThread.java



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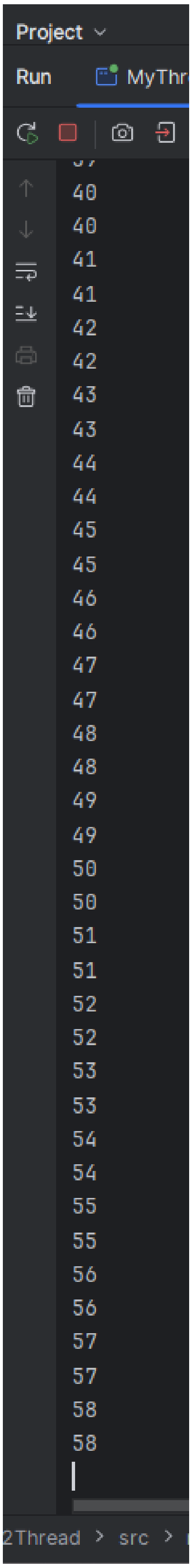

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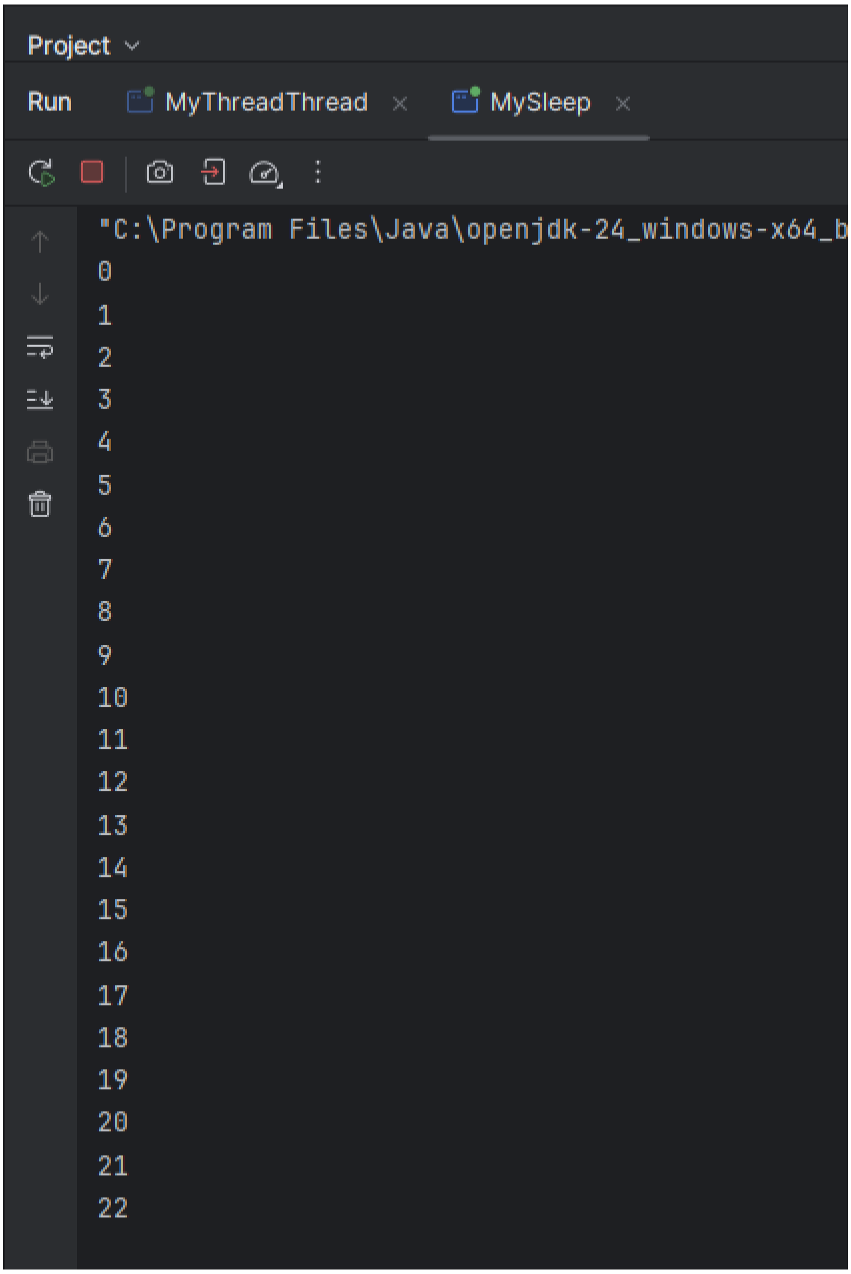
```

MySleep.java



```
"C:\Program Files\Java\openjdk-24_windows-x64_b
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