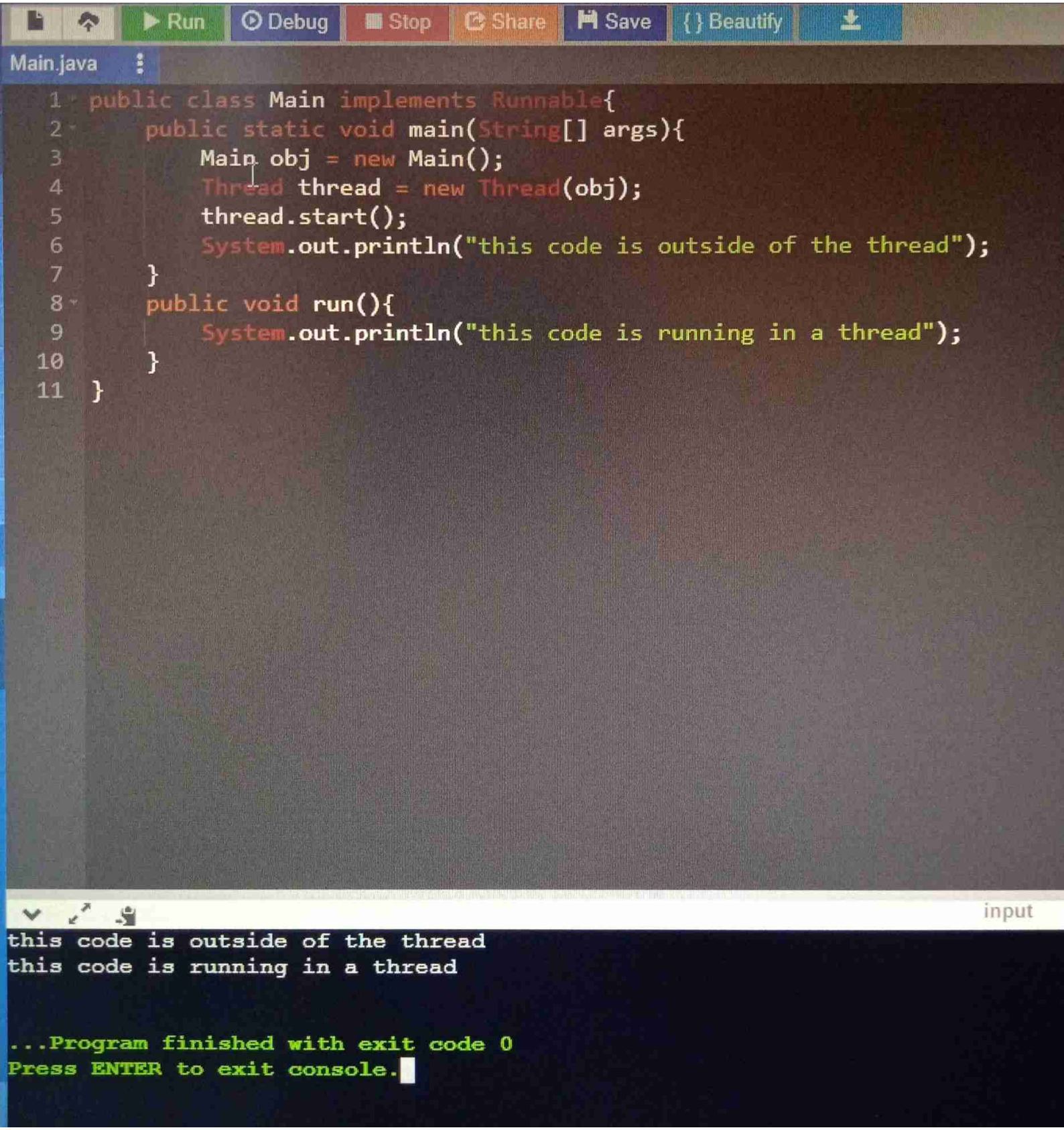
Main.java

```java
public class Main extends Thread{
    public static void main(String[] args){
        Main thread = new Main();
        thread.start();
        System.out.println("this code is outside of the thread");
    }
    public void ryn(){
        System.out.println("this code is running in a thread");
    }
}
```

input

```
this code is outside of the thread


...Program finished with exit code 0
Press ENTER to exit console.
```


Run
Debug
Stop
Share
Save
{} Beautify
Main.java
public class Main implements Runnable{
public static void main(String[] args){
Main obj = new Main();
Thread thread = new Thread(obj);
thread.start();
System.out.println("this code is outside of the thread");
}
public void run(){
System.out.println("this code is running in a thread");
}
}
input
this code is outside of the thread
this code is running in a thread
...Program finished with exit code 0
Press ENTER to exit console.

Main.java

```java
public class Main extends Thread{
    public static void main(String[] args){
        Main obj = new Main();
        Thread thread1 = new Thread(obj);
        thread1.start();
        Main thread2 = new Main();
        thread2.start();
        System.out.println("this code is outside of the thread");
    }
    public void run(){
        System.out.println("this code is running in a thread");
    }
}
```

```
this code is outside of the thread
this code is running in a thread
this code is running in a thread


...Program finished with exit code 0
Press ENTER to exit console.
```

Main.java

```java
public class Main implements Runnable{
    public static void main(String[] args){
        Main obj = new Main();
        Thread thread1 = new Thread(obj);
        thread1.start();
        Thread thread2 = new Thread(obj);

        thread2.start();
        System.out.println("this code is outside of the thread");
    }
    public void run(){
        System.out.println("this code is running in a thread");
    }
}
```

input

```
this code is running in a thread
this code is outside of the thread
this code is running in a thread

...Program finished with exit code 0
Press ENTER to exit console.
```

Table.java

```java
import java.util.Scanner;
class Table extends Thread{
    public static void main(String[] args){
        Table thread1 = new Table();
        Table thread2 = new Table();
        thread1.start();
        thread2.start();
    }
    public void run(){
        Scanner sc = new Scanner(System.in);
        System.out.println("enter integer");
        int n = sc.nextInt();
        for(int i=1;i<=10;i++){
            System.out.println(n+"*"+i+"="+(n*i));
        }
    }
}
```

input

```
enter integer
enter integer

9
9*1=9
9*2=18
9*3=27
9*4=36
9*5=45
9*6=54
9*7=63
9*8=72
9*9=81
9*10=90
```

ThreadCount.java

```java
import java.util.Scanner;
class ThreadCount extends Thread{
    ThreadCount(String s){
        super(s);
        System.out.println("new thread created"+this);
        start();

    }
    public void run(){
        try{
            for(int i=0;i<10;i++){
                System.out.println("new thread created"+this);
                Thread.sleep(1500);
            }
        }
        catch(Exception e){
            System.out.println("currently executing thread is Exception");
        }
        System.out.println("currently executing thread run is terminated");
    }
        public static void main(String[] args){
            ThreadCount t1 = new ThreadCount("T1");
            ThreadCount t2 = new ThreadCount("T2");
        }
}
```

input

```
new thread createdThread[T1,5,main]
new thread createdThread[T2,5,main]
new thread createdThread[T1,5,main]
new thread createdThread[T2,5,main]
new thread createdThread[T1,5,main]
currently executing thread run is terminated
currently executing thread run is terminated


...Program finished with exit code 0
Press ENTER to exit console.
```