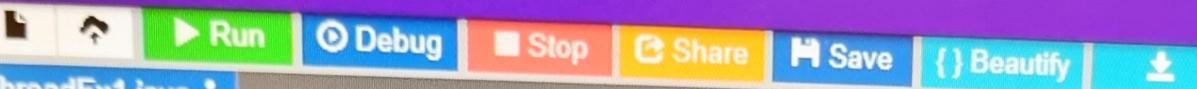


Keep



Set as default



ThreadEx1.java :

```
1 public class ThreadEx1 extends Thread
2 {
3     public static void main(String[] args) {
4         ThreadEx1 Thread=new ThreadEx1();
5         System.out.println("This code is outside of the thread");
6     }
7     public void run()
8     {
9         System.out.println("This code is running in the thread");
10    }
11 }
```

this code is outside of the thread

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

GDB



Search



```
java : 
1 class Main implements Runnable
2 {
3     public static void main(String[] args) {
4         Main t1 =new Main();
5         Thread tc=new Thread(t1);
6         tc.start();
7         Main t2 =new Main();
8         Thread ta=new Thread(t2);
9         ta.start();
0         Main t3 =new Main();
1         Thread tb=new Thread(t3);
2         tb.start();
3         System.out.println("This code is outside of the thread");
4     }
5     public void run()
6     {
7         System.out.println("This code is runnig in the thread");
8     }
9 }
```

```
input
This code is runnig in the thread
This code is runnig in the thread
This code is outside of the thread
This code is runnig in the thread

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

```
1 class Main implements Runnable
2 {
3     public static void main(String[] args) {
4         Main t1 =new Main();
5         Thread t=new Thread(t1);
6         t.start();
7         System.out.println("This code is outside of the thread");
8     }
9     public void run()
10    {
11        System.out.println("This code is running in the thread");
12    }
13 }
```

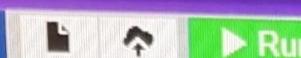
input

This code is outside of the thread  
This code is running in the thread

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

```
1 import java.util.Scanner;
2 class Table extends Thread{
3     public static void main(String[] args){
4         Table thread1 = new Table();
5         Table thread2 = new Table();
6         thread1.start();
7         thread2.start();
8     }
9     public void run(){
10        Scanner sc = new Scanner(System.in);
11        System.out.println("enter integer");
12        int n = sc.nextInt();
13        for(int i=1;i<=10;i++){
14            System.out.println(n+"*"+i+"="+ (n*i));
15        }
16    }
17 }
```

```
enter integer
enter integer
12
13
13*1=13
13*2=26
13*3=39
13*4=52
13*5=65
12*1=12
13*6=78
13*7=91
13*8=104
12*2=24
13*9=117
13*10=130
12*3=36
12*4=48
12*5=60
12*6=72
```



Run

Debug

Stop

Share

Save

Beautify



ThreadCount.java :

```
1 class ThreadCount extends Thread{  
2     ThreadCount(String s)  
3     {  
4         super(s);  
5         System.out.println("new thread created" + this);  
6         start();  
7     }  
8     public void run() {  
9         try  
10        {  
11            for(int i = 0;i<10;i++)  
12            {  
13                System.out.println("new thread created" + this);  
14                Thread.sleep(1500);  
15            }  
16        }  
17        catch(Exception e)  
18        {  
19            System.out.println("currently executing thread is interrupted");  
20        }  
21        System.out.println("currently executing thread is interrupted");  
22    }  
23    public static void main (String[] args) {  
24        ThreadCount obj = new ThreadCount("s") ;  
25    }  
26 }  
27 }
```

```
new thread createdThread[s,5,main]  
new thread createdThread[s,5,main]  
new thread createdThread[s,5,main]  
new thread createdThread[s,5,main]  
currently executing thread is interrupted
```

input

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



▶ Run

○ Debug

■ Stop

○ Share

■ Save

{ } Beautify

Main3.java :

```
1 import java.util.Scanner;
2 class Main3 implements Runnable
3 {
4     public static void main3(String[] args) {
5         Main3 t1 =new Main3();
6         Thread tc=new Thread(t1);
7         tc.start();
8         Main3 t2 =new Main3();
9         Thread ta=new Thread(t2);
10        ta.start();
11
12    }
13    public void run()
14    {
15        Scanner sc=new Scanner(System.in);
16        int n=sc.nextInt();
17        for(int i=1;i<=10;i++)
18            System.out.println(n+"*"+i+"="+i*n);
19
20    }
21
22 }
```

▼ ↴ ↵

Error: Main method not found in class Main3, please define  
public static void main(String[] args)  
or a JavaFX application class must extend javafx.application

...Program finished with exit code 1  
Press ENTER to exit console.

```
1 class Main2 implements Runnable
2 {
3     public static void main2(String[] args) {
4         Main2 t1 =new Main2();
5         Thread tc=new Thread(t1);
6         tc.start();
7         Main2 t2 =new Main2();
8         Thread ta=new Thread(t2);
9         ta.start();
10        Main2 t3 =new Main2();
11        Thread tb=new Thread(t3);
12        tb.start();
13        System.out.println("This code is outside of the run() method");
14    }
15    public void run()
16    {
17        System.out.println("This code is running in the run() method");
18    }
19 }
```

Error: Main method not found in class Main2, please define the  
public static void main(String[] args)  
or a JavaFX application class must extend javafx.application.Application

...Program finished with exit code 1  
Press ENTER to exit console.



▶ Run

○ Debug

■ Stop

▢ Share

■ Save

{ } Beautify



.java

```
1 class Main implements Runnable
2 {
3     public static void main(String[] args) {
4         Main t1 =new Main();
5         Thread t=new Thread(t1);
6         t.start();
7         System.out.println("This code is outside of the thread");
8     }
9     public void run()
10    {
11        System.out.println("This code is running in the thread");
12    }
13 }
```



```
1 public class ThreadEx7 implements Runnable
2 {
3     public void run(){
4         try{
5             Thread.sleep(100);
6         }
7         catch(Exception e){
8             System.out.println("Exception "+e);
9         }
10        System.out.println("run methode");
11    }
12    public static void main(String[]args){
13        for(int i=0;i<10;i++){
14            Thread t=new Thread (new ThreadEx7());
15            t.start();}
16    }
17 }
```

```
run methode
run methode
run methode
run methode
run methode
```

input

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