# Java.lang.Thread.setPriority() Method

<http://www.tutorialspoint.com/java/lang/thread_setpriority.htm>

Description

The **java.lang.Thread.setPriority()**method changes the priority of this thread.

Declaration

Following is the declaration for **java.lang.Thread.setPriority()**method

public final void setPriority(int newPriority)

Parameters

* **newPriority** -- This is the priority to set this thread to.

Return Value

This method does not return any value.

Exception

* **IllegalArgumentException** -- if the priority is not in the range MIN\_PRIORITY to MAX\_PRIORITY.
* **SecurityException** -- if the current thread cannot modify this thread.

Example

The following example shows the usage of java.lang.Thread.setPriority() method.

package com.tutorialspoint;

import java.lang.\*;

public class ThreadDemo {

public static void main(String[] args) {

Thread t = Thread.currentThread();

t.setName("Admin Thread");

// set thread priority to 1

t.setPriority(1);

// prints the current thread

System.out.println("Thread = " + t);

int count = Thread.activeCount();

System.out.println("currently active threads = " + count);

}

}

Let us compile and run the above program, this will produce the following result:

Thread = Thread[Admin Thread,1,main]

currently active threads = 1