

time - Notepad

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```
import java.util.*;
import java.lang.*;
class NewThread implements Runnable {String name;
    String disp;
    int n1;
    Thread t;
    Random n=new Random();
    NewThread(String threadname,String x,int time)
    {
    name = threadname;
    n1=time;
    disp=x;
    t = new Thread(this,name);
    System.out.println("New thread: " + t);
    t.start();
    }
    public void run()
    {
    try {
    for(int i = 1; i <=10; i++)
    {
    int n2=n.nextInt(100);
    System.out.println("time token of "+name+": "+n2);
    Thread.sleep(n1);
    }
    } catch (InterruptedException e)
    {
    System.out.println(name + " Interrupted");
    }
    System.out.println(name + " exiting.");
    }
    }
    class ClientDetails
    {
    public static void main(String args[])
    {
    Scanner sc=new Scanner(System.in);
    String name;
    System.out.println("enter the name of client");
    name=sc.next();
    new NewThread("Client",name,2000);
    try {Thread.sleep(20000);
    System.out.println("-----");
    }
    catch (InterruptedException e)
    {
    }
```



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```
int n1;
Thread t;
Random n=new Random();
NewThread(String threadname,String x,int time)
{
    name = threadname;
    n1=time;
    disp=x;
    t = new Thread(this,name);
    System.out.println("New thread: " + t);
    t.start();
}
public void run()
{
    try {
        for(int i = 1; i <=10; i++)
        {
            int n2=n.nextInt(100);
            System.out.println("time token of "+name+": "+n2);
            Thread.sleep(n1);
        }
        catch (InterruptedException e)
        {
            System.out.println(name + " Interrupted");
        }
        System.out.println(name + " exiting.");
    }
}
class ClientDetails
{
    public static void main(String args[])
    {
        Scanner sc=new Scanner(System.in);
        String name;
        System.out.println("enter the name of client");
        name=sc.next();
        new NewThread("Client",name,2000);
        try {Thread.sleep(20000);
        System.out.println("-----");
        }
        catch (InterruptedException e)
        {
            System.out.println("Main thread Interrupted");
        }
    }
}
```



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```
Command Prompt
Microsoft Windows [Version 10.0.17134.885]
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C:\Users\Vidhu>cd desktop

C:\Users\Vidhu\Desktop>cd java

C:\Users\Vidhu\Desktop\java>set path="C:\Program Files\Java\jdk1.8.0_261\bin"

C:\Users\Vidhu\Desktop\java>javac time token.java
javac: file not found: token.java
Usage: javac <options> <source files>
use -help for a list of possible options

C:\Users\Vidhu\Desktop\java>javac time.java

C:\Users\Vidhu\Desktop\java>java ClientDetails
enter the name of client
ram
New thread: Thread[Client,5,main]
time token of Client:53
time token of Client:63
time token of Client:36
time token of Client:79
time token of Client:6
time token of Client:8
time token of Client:11
time token of Client:65
time token of Client:48
time token of Client:49
-----
Client exiting.

C:\Users\Vidhu\Desktop\java>_
```