

04-07-2024

→ Thread.java

Thread.java

→ package java;

public class Thread implements Runnable

{  
 public synchronized void run()

{  
 for (int i = 1; i <= 10; i++)

{  
 System.out.println(Thread.currentThread().getName());

try {

Thread.sleep(1000);

}

catch (InterruptedException e)

{

e.printStackTrace();

}

}

}

}

Demo.java

→ package

public class Demo

{

public static void main (String args[])



```

{
    Thread p = new Thread (c);
    Thread q = new Thread (p);
    Thread r = new Thread (p);
    q.setName ("Hemant");
    r.setName ("K");
    q.start (); r.start ();
}
}

```

P/P :- Hemant  
 Hemant  
 Hemant  
 Hemant  
 Hemant  
 Hemant  
 Hemant  
 Hemant  
 Hemant  
 K  
 K  
 K  
 K  
 K  
 K  
 K  
 K  
 K  
 K

```

-> package sreeja;
import java.util.Date;
public class Demo {

```

Date - Month - Year - Time - java

```

    public static void main (String ar[])
    {
        Date d = new Date ();
        System.out.println (d);
        System.out.println (d.getDate ());
        System.out.println (d.getMonths () + 1);
        System.out.println (d.getYear () + 1900);
        System.out.println (d.getTime ());
    }
}

```



```
-> package src;
import java.util.Calendar;
import java.util.Date;
```

Calendar.java

```
public class Demo {
    public static void main (String args[])
    {
        Calendar c = Calendar.getInstance();
        System.out.println(c);
    }
}
```

o/p: java.util.GregorianCalendar [Time -

```
-> package src;
```

CalendarFormatter.java

```
import java.util.Calendar;
import java.util.Date;
import java.util.Formatter;
```

```
public class Demo {
```

```
    public static void main (String args[])
```

```
{
```

```
    int a = 65;
```



```
formatter f = new Formatter(System.out);
```

```
f.format("%d", a);
```

```
f.format("%5d", a);
```

```
f.format("%+5d", a);
```

```
float b = 2.34567f;
```

```
f.format("%f", b);
```

```
f.format("%.2f", b);
```

```
String s = "hello";
```

```
f.format("%s", s);
```

```
f.format("%12.4s", s);
```

```
}
```

```
}
```

```
0/1:-  
2
```

```
65
```

```
65
```

```
+652.34567-02.35
```

```
hello
```

```
hell
```

```
=
```



→ package sorted;

import java.util.Arrays;

→ Don't write <sup>it</sup> only

public class Demo {

public static void main (String args[])

{  
int a[] = {3, 2, 1, 5, 7};

Arrays.sort(a);

for (int i : a)

System.out.println(i);

System.out.println(Arrays.binarySearch(a, 1));

}

}

o/p :-

1

2

3

5

7

0

Arrays - sort - Java.java



→ package sreeja;

import java.util.StringTokenizer;

public class Demo {

public static void main (String ar[])

{

String s = "hello: boys: good: students";

StringTokenizer st = new StringTokenizer(s, ":");

while (st.hasMoreTokens())

System.out.println (st.nextToken());

}

}

String-Tokenizer.java

O/p:-  
2

hello

boys

good

students