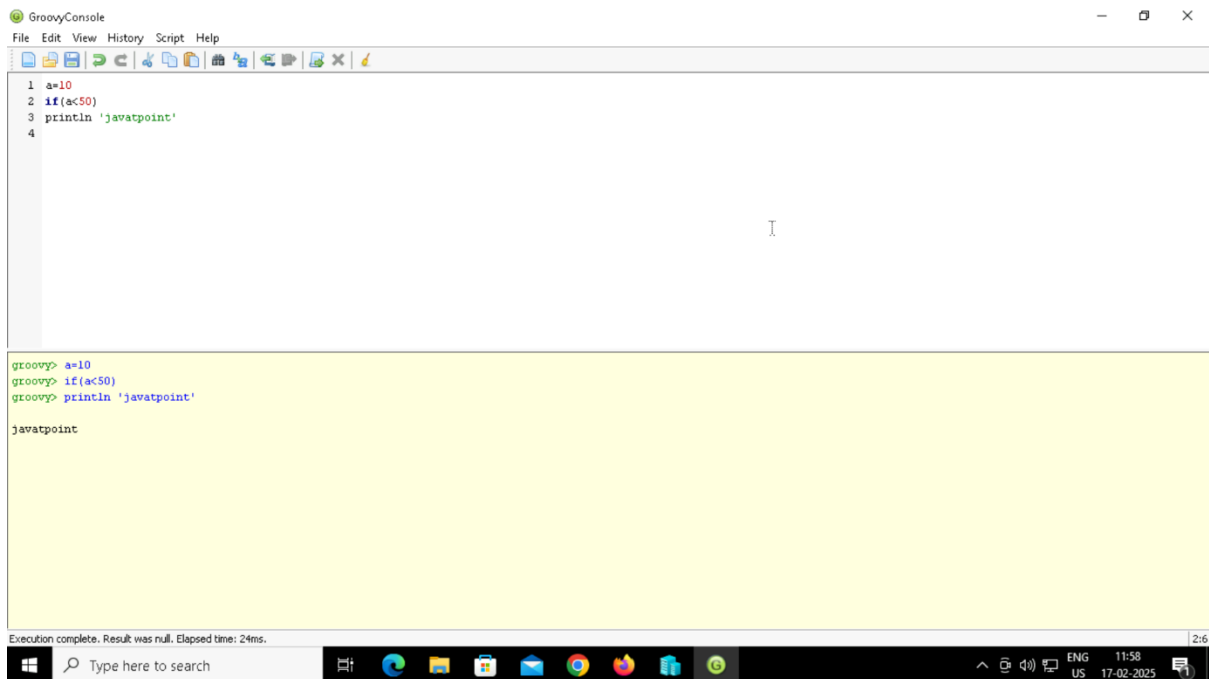


## Groovy Conditionals



The screenshot shows the GroovyConsole application window. The title bar reads "GroovyConsole" with standard window controls. The menu bar includes "File", "Edit", "View", "History", "Script", and "Help". The toolbar contains icons for file operations and execution. The script editor contains the following code:

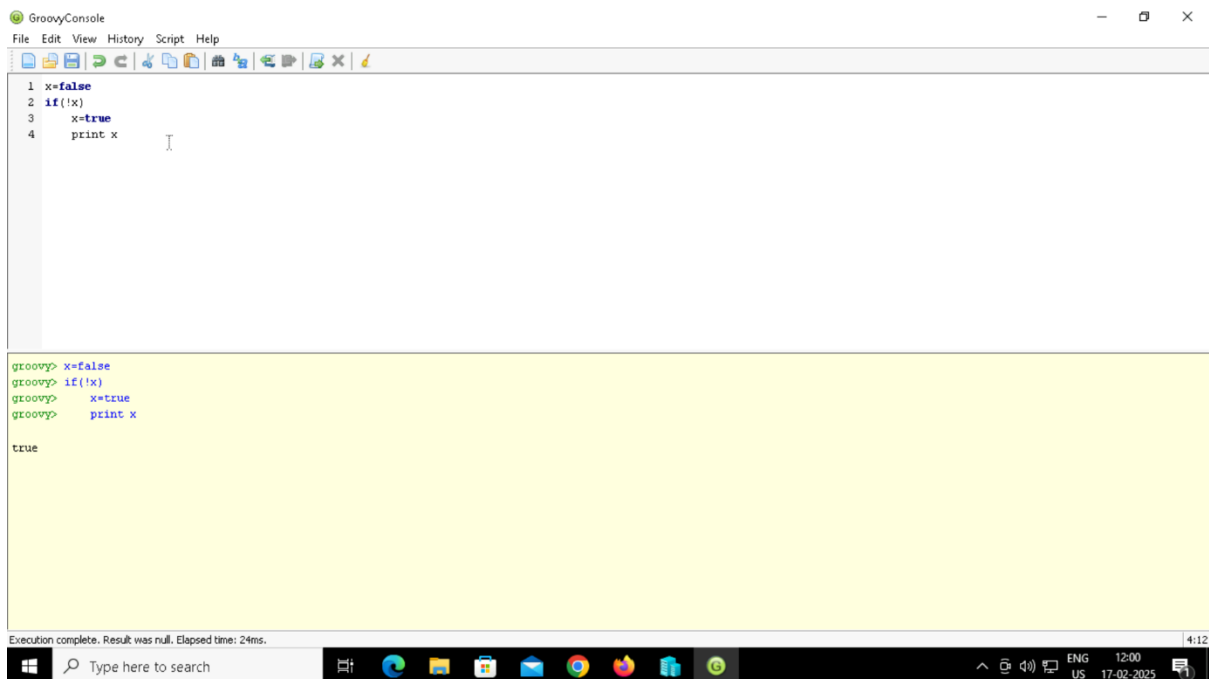
```
1 a=10
2 if(a<50)
3   println 'javatpoint'
4
```

The output console, which has a yellow background, shows the execution results:

```
groovy> a=10
groovy> if(a<50)
groovy> println 'javatpoint'

javatpoint
```

At the bottom, a status bar indicates "Execution complete. Result was null. Elapsed time: 24ms." The Windows taskbar is visible at the bottom with the search bar and various application icons.



The screenshot shows the GroovyConsole application window. The title bar reads "GroovyConsole" with standard window controls. The menu bar includes "File", "Edit", "View", "History", "Script", and "Help". The toolbar contains icons for file operations and execution. The script editor contains the following code:

```
1 x=false
2 if(!x)
3   x=true
4   print x
```

The output console, which has a yellow background, shows the execution results:

```
groovy> x=false
groovy> if(!x)
groovy>   x=true
groovy>   print x

true
```

At the bottom, a status bar indicates "Execution complete. Result was null. Elapsed time: 24ms." The Windows taskbar is visible at the bottom with the search bar and various application icons.

GroovyConsole

File Edit View History Script Help

```
1 a=20
2 if(a<50)
3     println 'The value is less than 50'
4 else{
5     println 'The value is greater than 50'
6     println'trial'
7 }
```

```
groovy> a=20
groovy> if(a<50)
groovy> println 'The value is less than 50'
groovy> else{
groovy>     println 'The value is greater than 50'
groovy>     println'trial'
groovy> }
```

The value is less than 50

Execution complete. Result was null. Elapsed time: 26ms.

Windows taskbar: Type here to search, icons for File Explorer, Mail, Chrome, Firefox, VS Code, and GroovyConsole. System tray: ENG US, 12:03, 17-02-2025.

GroovyConsole

File Edit View History Script Help

```
1 a=40
2 if(a>0)
3     println 'Number is positive'
4 else
5     println 'Number is negative'
```

```
groovy> a=40
groovy> if(a>0)
groovy> println 'Number is positive'
groovy> else
groovy> println 'Number is negative'
```

Number is positive

Execution complete. Result was null. Elapsed time: 21ms.

Windows taskbar: Type here to search, icons for File Explorer, Mail, Chrome, Firefox, VS Code, and GroovyConsole. System tray: ENG US, 12:04, 17-02-2025.

GroovyConsole

File Edit View History Script Help

```
1 a=20
2 if(a>50)
3     println 'The value is less than 50'
4 else
5     if(a>10)
6         println 'The value is greater than 10 and greater than 50'
7     else
8         println 'The value of a is less than 10'
```

```
groovy> a=20
groovy> if(a>50)
groovy> println 'The value is less than 50'
groovy> else
groovy> if(a>10)
groovy> println 'The value is greater than 10 and greater than 50'
groovy> else
groovy> println 'The value of a is less than 10'
```

The value is greater than 10 and greater than 50

Execution complete. Result was null. Elapsed time: 26ms.

Type here to search

ENG 12:06  
US 17-02-2025

GroovyConsole

File Edit View History Script Help

```
1 a=10
2 switch(a){
3     case 1: println 'Monday'
4         break
5     case 2: println 'Tuesday'
6         break
7     case 3: println 'Wednesday'
8         break
9     case 4: println 'Thursday'
10        break
11    case 5: println 'Friday'
12        break
13    case 6: println 'Saturday'
14        break
15    default: println 'Sunday'
16        break
17 }
```

```
groovy> case 1: println 'Monday'
groovy> break
groovy> case 2: println 'Tuesday'
groovy> break
groovy> case 3: println 'Wednesday'
groovy> break
groovy> case 4: println 'Thursday'
groovy> break
groovy> case 5: println 'Friday'
groovy> break
groovy> case 6: println 'Saturday'
groovy> break
groovy> default: println 'Sunday'
groovy> break
groovy> }
```

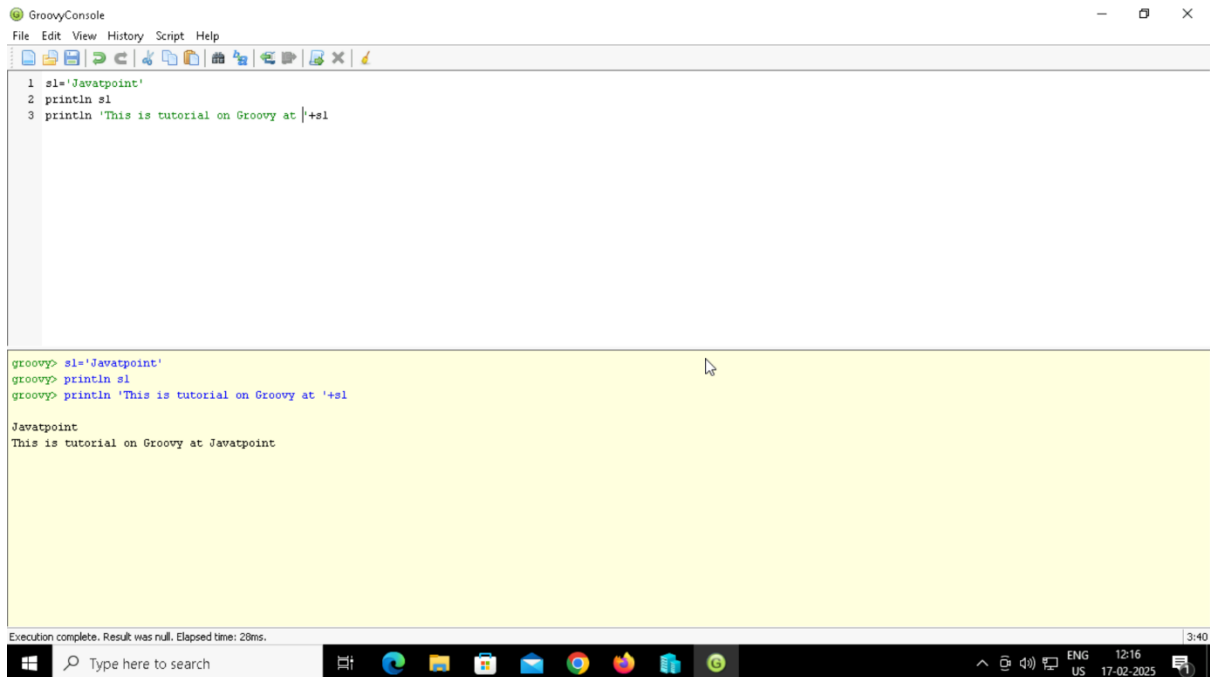
Sunday

Execution complete. Result was null. Elapsed time: 33ms.

Type here to search

ENG 12:10  
US 17-02-2025

# Strings



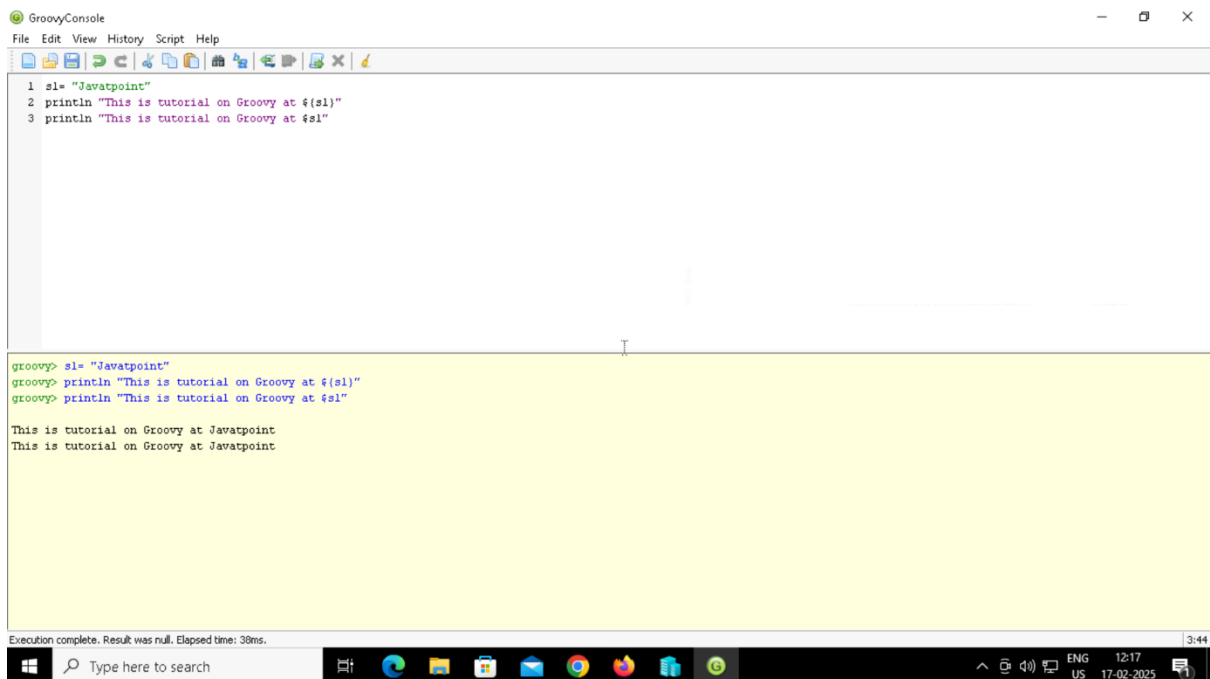
The screenshot shows the GroovyConsole application window. The title bar reads "GroovyConsole". The menu bar includes "File", "Edit", "View", "History", "Script", and "Help". The toolbar contains icons for file operations and execution. The script editor contains the following code:

```
1 s1='Javatpoint'  
2 println s1  
3 println 'This is tutorial on Groovy at '+s1
```

The output console shows the execution results:

```
groovy> s1='Javatpoint'  
groovy> println s1  
groovy> println 'This is tutorial on Groovy at '+s1  
  
Javatpoint  
This is tutorial on Groovy at Javatpoint
```

At the bottom, a status bar indicates "Execution complete. Result was null. Elapsed time: 28ms." The Windows taskbar at the bottom shows the search bar and various application icons.



The screenshot shows the GroovyConsole application window. The title bar reads "GroovyConsole". The menu bar includes "File", "Edit", "View", "History", "Script", and "Help". The toolbar contains icons for file operations and execution. The script editor contains the following code:

```
1 s1="Javatpoint"  
2 println "This is tutorial on Groovy at ${s1}"  
3 println "This is tutorial on Groovy at $s1"
```

The output console shows the execution results:

```
groovy> s1="Javatpoint"  
groovy> println "This is tutorial on Groovy at ${s1}"  
groovy> println "This is tutorial on Groovy at $s1"  
  
This is tutorial on Groovy at Javatpoint  
This is tutorial on Groovy at Javatpoint
```

At the bottom, a status bar indicates "Execution complete. Result was null. Elapsed time: 38ms." The Windows taskbar at the bottom shows the search bar and various application icons.

GroovyConsole

File Edit View History Script Help

```
1 s='''This is Groovy tutorial and we are learning strings'''
2 println s
```

groovy> s='''This is Groovy tutorial and we are learning strings'''  
groovy> println s

This is Groovy tutorial and we are learning strings

Execution complete. Result was null. Elapsed time: 24ms.

2:10

Type here to search

ENG 12:23  
US 17-02-2025

GroovyConsole

File Edit View History Script Help

```
1 s1='''
2 This is line 1
3 This is line 2
4 This is line 3
5 This is line 4
6 This is line 5
7 '''
8 println s1
```

groovy> s1='''  
groovy> This is line 1  
groovy> This is line 2  
groovy> This is line 3  
groovy> This is line 4  
groovy> This is line 5  
groovy> '''  
groovy> println s1

This is line 1  
This is line 2  
This is line 3  
This is line 4  
This is line 5

Execution complete. Result was null. Elapsed time: 27ms.

8:11

Type here to search

ENG 12:30  
US 17-02-2025

GroovyConsole

File Edit View History Script Help

```
1 s1=""This is Groovy example in triple double quotes""
2 println s1
```

groovy> s1=""This is Groovy example in triple double quotes""  
groovy> println s1

This is Groovy example in triple double quotes

Execution complete. Result was null. Elapsed time: 26ms.

2:11

Type here to search

ENG 12:33  
US 17-02-2025

GroovyConsole

File Edit View History Script Help

```
1 s1=""
2 This is line 1
3 This is line 2
4 This is line 3
5 This is line 4
6 This is line 5
7 ""
8 println s1
```

groovy> s1=""  
groovy> This is line 1  
groovy> This is line 2  
groovy> This is line 3  
groovy> This is line 4  
groovy> This is line 5  
groovy> ""  
groovy> println s1

This is line 1  
This is line 2  
This is line 3  
This is line 4  
This is line 5

Execution complete. Result was null. Elapsed time: 27ms.

6:15

Type here to search

ENG 12:36  
US 17-02-2025

GroovyConsole

File Edit View History Script Help

```
1 s1=""
2 This is line 1
3 This is line 2
4 This is line 3
5 This is line 4
6 This is line 5
7
8 println ""Hello $s1""
9 println ""Hey $s1""
```

groovy> println ""Hello \$s1""  
groovy> println ""Hey \$s1""

Hello  
This is line 1  
This is line 2  
This is line 3  
This is line 4  
This is line 5  
  
Hey  
This is line 1  
This is line 2  
This is line 3  
This is line 4  
This is line 5

Execution complete. Result was null. Elapsed time: 27ms.

Type here to search

ENG 12:37  
US 17-02-2025

GroovyConsole

File Edit View History Script Help

```
1 s1=/This is Groovy tutorial and we are learning strings/  
2 println s1
```

groovy> s1=/This is Groovy tutorial and we are learning strings/  
groovy> println s1

This is Groovy tutorial and we are learning strings

Execution complete. Result was null. Elapsed time: 26ms.

Type here to search

ENG 12:45  
US 17-02-2025

GroovyConsole

File Edit View History Script Help

```
1 sl=/
2 This is line 1
3 This is line 2
4 This is line 3
5 This is line 4
6 This is line 5
7 /
8
9 println sl
```

groovy> sl=/  
groovy> This is line 1  
groovy> This is line 2  
groovy> This is line 3  
groovy> This is line 4  
groovy> This is line 5  
groovy> /  
groovy> println sl

This is line 1  
This is line 2  
This is line 3  
This is line 4  
This is line 5

Execution complete. Result was null. Elapsed time: 26ms.

Type here to search

ENG 12:46  
US 17-02-2025

GroovyConsole

File Edit View History Script Help

```
1 sl=/
2 This is line 1
3 This is line 2
4 This is line 3
5 This is line 4
6 This is line 5
7 /
8
9 println ""Hello ${sl}""
10 println ""Hey ${sl}""
```

groovy> println ""Hello \${sl}""  
groovy> println ""Hey \${sl}""

Hello  
This is line 1  
This is line 2  
This is line 3  
This is line 4  
This is line 5

Hey  
This is line 1  
This is line 2  
This is line 3  
This is line 4  
This is line 5

Execution complete. Result was null. Elapsed time: 30ms.

Type here to search

ENG 12:47  
US 17-02-2025



GroovyConsole

File Edit View History Script Help

```
1 s1=~/ This is line 1
2 This is line 2
3 This is line 3
4 This is line 4
5 This is line 5/4
6
7 println ""Hello ${s1}""
8 println ""Hey ${s1}""
```

```
groovy> This is line 2
groovy> This is line 3
groovy> This is line 4
groovy> This is line 5/4
groovy> println ""Hello ${s1}""
groovy> println ""Hey ${s1}""

Hello This is line 1
This is line 2
This is line 3
This is line 4
This is line 5
Hey This is line 1
This is line 2
This is line 3
This is line 4
This is line 5
```

Execution complete. Result was null. Elapsed time: 622ms.

8:22

Type here to search

ENG 20:11  
US 17-02-2025