JSlider class:

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| The JSlider is used to create the slider. By using JSlider a user can select a value from a specific range. |

Commonly used Constructors of JSlider class:

* **JSlider():** creates a slider with the initial value of 50 and range of 0 to 100.
* **JSlider(int orientation):** creates a slider with the specified orientation set by either JSlider.HORIZONTAL or JSlider.VERTICAL with the range 0 to 100 and initial value 50.
* **JSlider(int min, int max):** creates a horizontal slider using the given min and max.
* **JSlider(int min, int max, int value):** creates a horizontal slider using the given min, max and value.
* **JSlider(int orientation, int min, int max, int value):** creates a slider using the given orientation, min, max and value.

Commonly used Methods of JSlider class:

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| **1) public void setMinorTickSpacing(int n):** is used to set the minor tick spacing to the slider. |
| **2) public void setMajorTickSpacing(int n):** is used to set the major tick spacing to the slider. |
| **3) public void setPaintTicks(boolean b):** is used to determine whether tick marks are painted. |
| **4) public void setPaintLabels(boolean b):** is used to determine whether labels are painted. |
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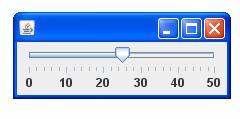
Simple example of JSlider class:



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1. **import** javax.swing.\*;
3. **public** **class** SliderExample1 **extends** JFrame{
5. **public** SliderExample1() {
6. JSlider slider = **new** JSlider(JSlider.HORIZONTAL, 0, 50, 25);
7. JPanel panel=**new** JPanel();
8. panel.add(slider);
10. add(panel);
11. }
13. **public** **static** **void** main(String s[]) {
14. SliderExample1 frame=**new** SliderExample1();
15. frame.pack();
16. frame.setVisible(**true**);
17. }
18. }

Example of JSlider class that paints ticks:



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1. **import** javax.swing.\*;
3. **public** **class** SliderExample **extends** JFrame{
5. **public** SliderExample() {
7. JSlider slider = **new** JSlider(JSlider.HORIZONTAL, 0, 50, 25);
8. slider.setMinorTickSpacing(2);
9. slider.setMajorTickSpacing(10);
11. slider.setPaintTicks(**true**);
12. slider.setPaintLabels(**true**);
14. JPanel panel=**new** JPanel();
15. panel.add(slider);
16. add(panel);
17. }
19. **public** **static** **void** main(String s[]) {
20. SliderExample frame=**new** SliderExample();
21. frame.pack();
22. frame.setVisible(**true**);
24. }
25. }