**public** JProgressBar()

JProgressBar aJProgressBar = **new** JProgressBar();

**public** JProgressBar(**int** orientation)

JProgressBar aJProgressBar = **new** JProgressBar(JProgressBar.VERTICAL);

JProgressBar bJProgressBar = **new** JProgressBar(JProgressBar.HORIZONTAL);

**public** JProgressBar(**int** minimum, **int** maximum)

JProgressBar aJProgressBar = **new** JProgressBar(0, 500);

**public** JProgressBar(**int** orientation, **int** minimum, **int** maximum)

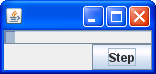
JProgressBar aJProgressBar = **new** JProgressBar(JProgressBar.VERTICAL, 0, 1000);

**public** JProgressBar(BoundedRangeModel model)

// Data model, initial value 0, range 0-250, and extent of 0

DefaultBoundedRangeModel model = **new** DefaultBoundedRangeModel(0, 0, 0, 250);

JProgressBar aJProgressBar = **new** JProgressBar(model);



**import** java.awt.BorderLayout;

**import** java.awt.event.ActionEvent;

**import** java.awt.event.ActionListener;

**import** javax.swing.JButton;

**import** javax.swing.JFrame;

**import** javax.swing.JProgressBar;

**public** **class** JProgressBarSetValue **extends** JFrame {

JProgressBar bar = **new** JProgressBar();

JButton step = **new** JButton("Step");

**public** JProgressBarSetValue() {

setDefaultCloseOperation(JFrame.EXIT\_ON\_CLOSE);

step.addActionListener(**new** ActionListener() {

**public** **void** actionPerformed(ActionEvent e) {

**int** value = bar.getValue() + 7;

**if** (value > bar.getMaximum()) {

value = bar.getMaximum();

}

bar.setValue(value);

}

});

getContentPane().add(bar, BorderLayout.NORTH);

getContentPane().add(step, BorderLayout.EAST);

pack();

setVisible(true);

}

**public** **static** **void** main(String arg[]) {

**new** JProgressBarSetValue();

}

}