

## MercedesCode.java

```
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  Version 3, 29 June 2007

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  */
/*
  VERSION: 1.0.0
```

## MercedesCode.java

This is the software program written in Java for the robot Private 1 - part of the project The Lord DominoboT developed at School of robotics "Robopartans". You could find

further information, materials and videos of the robot on our site

<http://www.robopartans.com> with direct link:

<http://www.robopartans.com/robots/thelord/>

\*/

```
import lejos.nxt.ButtonListener;
import lejos.nxt.Motor;
import lejos.nxt.Button;

public class MercedesCode {
    public static void main(String[] args) {
        Button.ESCAPE.addButtonListener(new ButtonListener()
{
            @Override
            public void buttonReleased(Button arg0) {
            }

            @Override
            public void buttonPressed(Button arg0) {
                System.exit(0);
            }
        });
        Motor.C.setSpeed((int) (Motor.C.getMaxSpeed() *
100.0 / 100));
        Motor.B.setSpeed((int) (Motor.B.getMaxSpeed() *
100.0 / 100));
        Motor.A.setSpeed((int) (Motor.A.getMaxSpeed() *
50.0 / 100));
    }
}
```

## MercedesCode.java

```
Motor.C.setAcceleration(120);
Motor.B.setAcceleration(120);
// Entering headAngle:0.7853981633974483
Motor.B.rotate(755, false);
Motor.B.rotate(1102, true);
Motor.C.rotate(1102, false);
Motor.B.rotate(-1511, false);
Motor.B.rotate(340, true);
Motor.C.rotate(340, false);
// Exiting headAngle:
// Entering moveForward:28.284271247461902
Motor.B.rotate(-1755, true);
Motor.C.rotate(-1755, false);
// Exiting moveForward:
// Entering headAngle:-0.7853981633974483
Motor.C.rotate(-1889, false);
Motor.B.rotate(-736, true);
Motor.C.rotate(-736, false);
Motor.B.rotate(-1133, false);
// Exiting headAngle:
// Entering moveForward:20.0
Motor.B.rotate(-1241, true);
Motor.C.rotate(-1241, false);
// Exiting moveForward:
// Entering headAngle:1.5707963267948966
Motor.B.rotate(1007, false);
Motor.B.rotate(1486, true);
Motor.C.rotate(1486, false);
Motor.B.rotate(-1511, false);
Motor.B.rotate(252, true);
Motor.C.rotate(252, false);
// Exiting headAngle:
```

## MercedesCode.java

```
// Entering moveAndPlace:80.0
Motor.A.rotate(300, false);
Motor.B.rotate(-248, true);
Motor.C.rotate(-248, false);
Motor.A.rotate(720, false);
for (int i = 0; i < 19; i++) {
    Motor.B.rotate(-248, true);
    Motor.C.rotate(-248, false);
    Motor.A.rotate(720, false);
}
Motor.B.rotate(-248, true);
Motor.C.rotate(-248, false);
Motor.A.rotate(420, false);
// Exiting moveAndPlace:
// Entering close
}
} // Exiting close:
```