Rectangle 之anchors 大军训

anchors是干什么用？专业的说就是定位不同元素位置的属性，
怎么理解这个，可以简单的说对齐排布！

anchors的英文翻译为锚定，固定！

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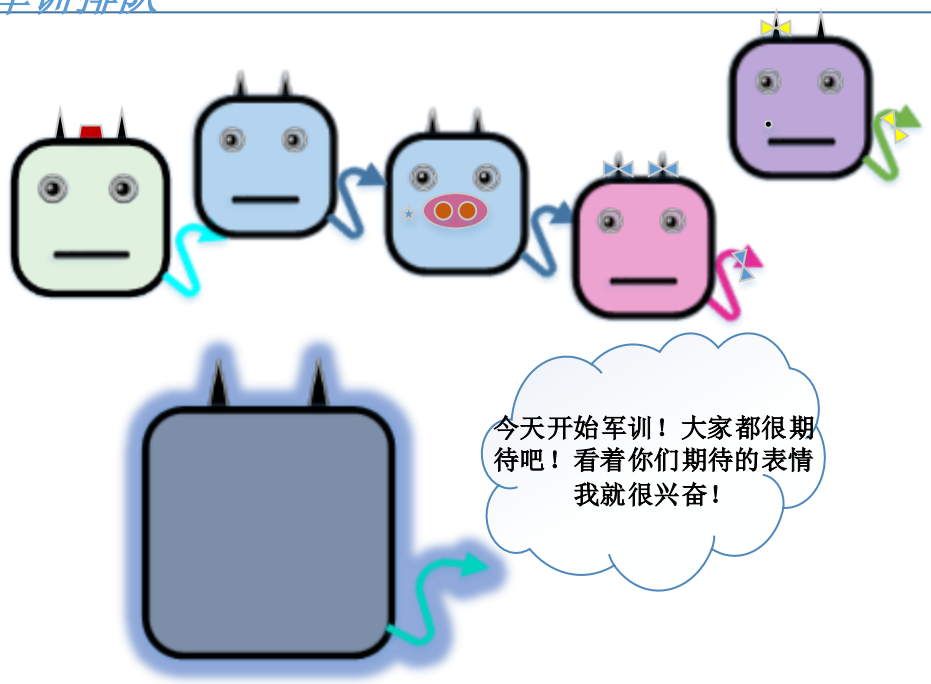
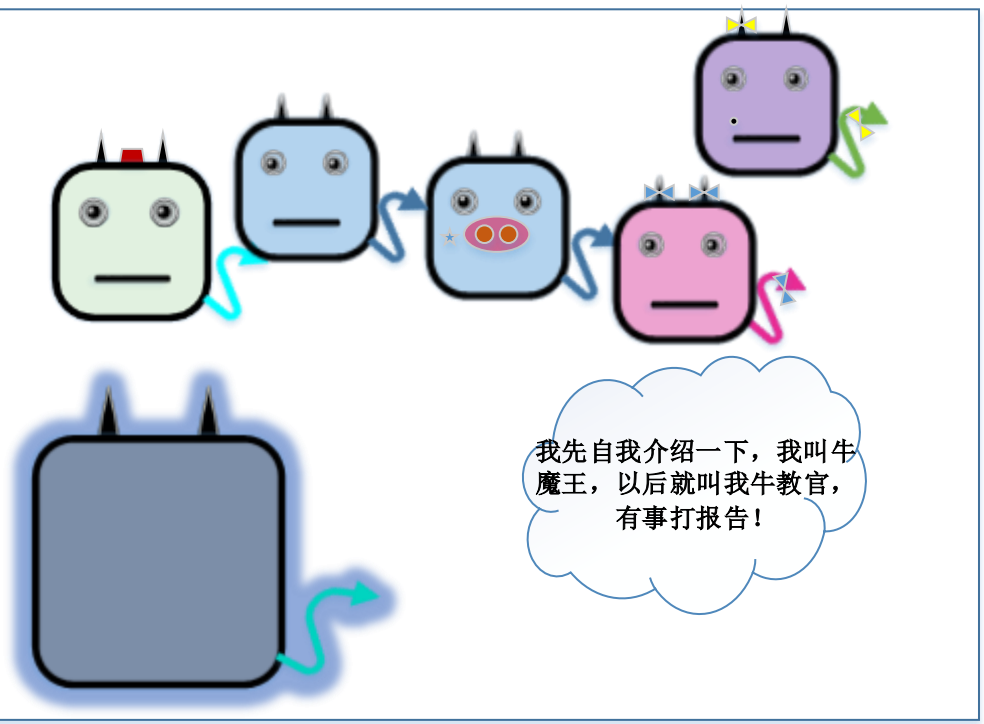
军训排队

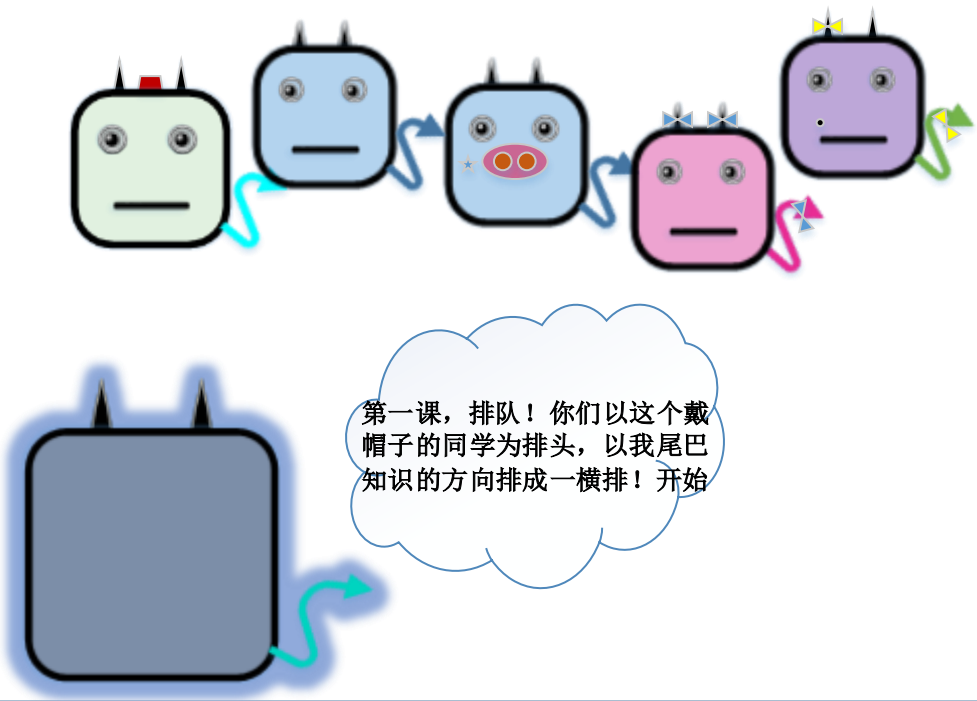
1



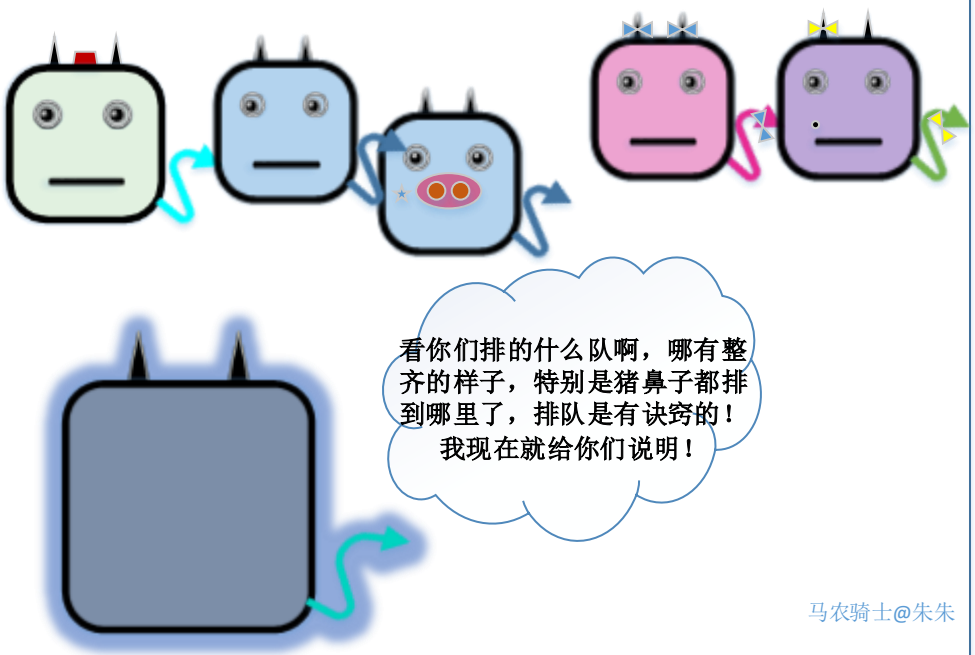
2



3



4



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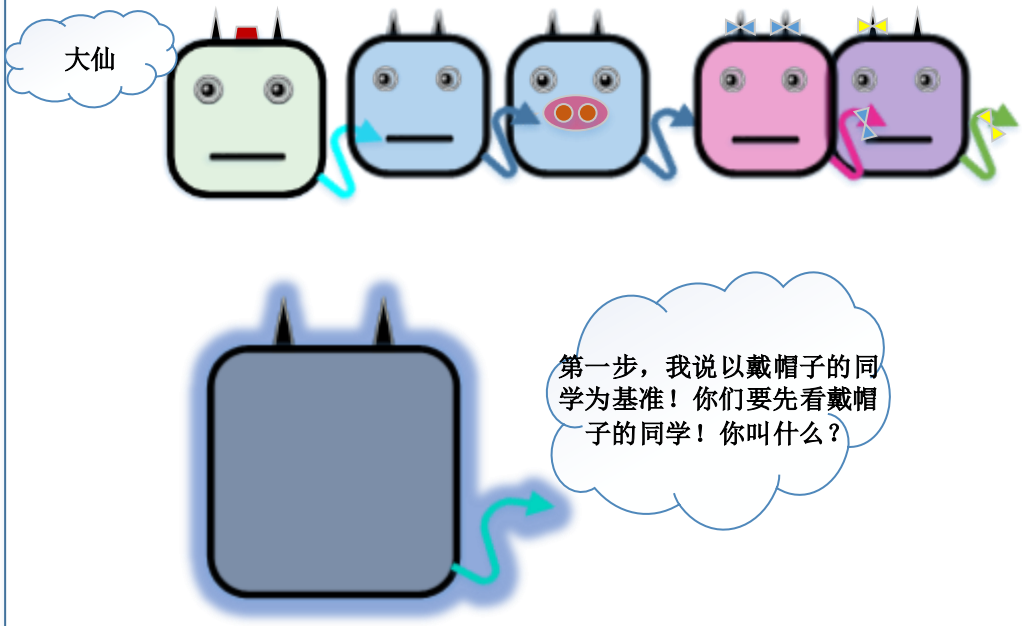
军训排队

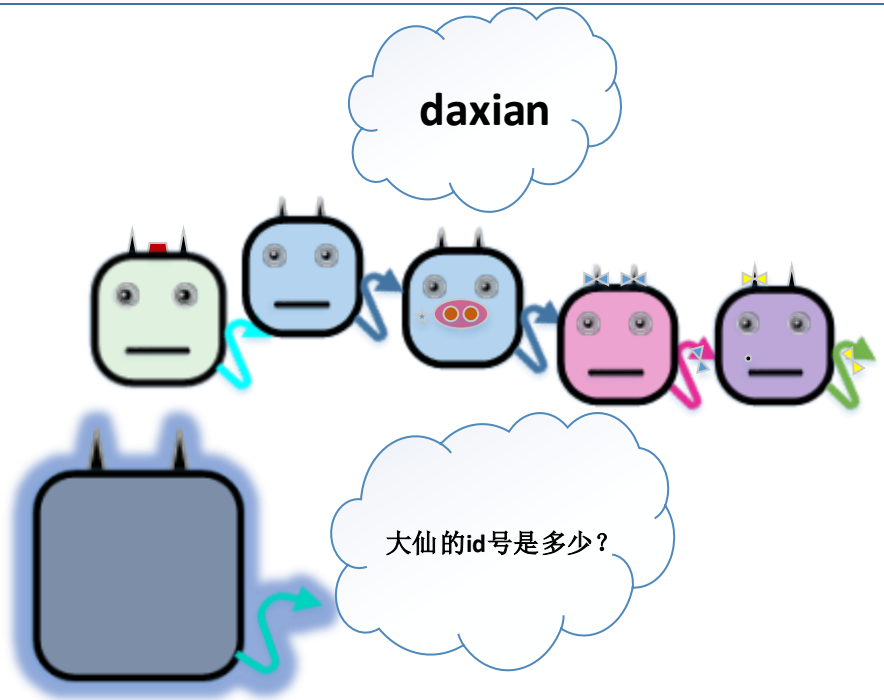
1



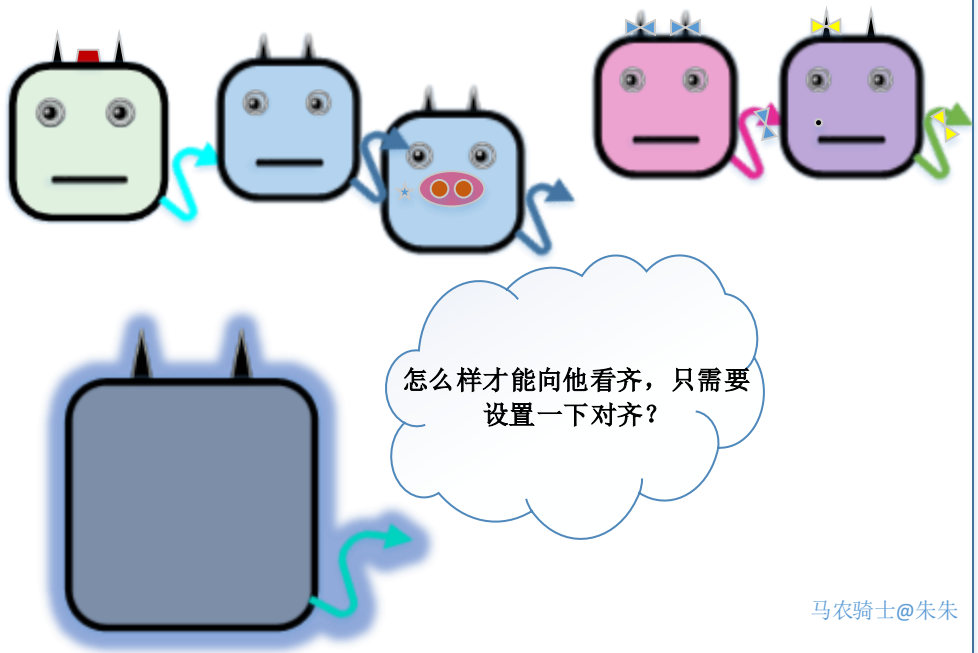
2

```
Rectangle {
    id: daxian
    x: 20
    y: 20
    width: 200
    height: 200
}
```

3



4



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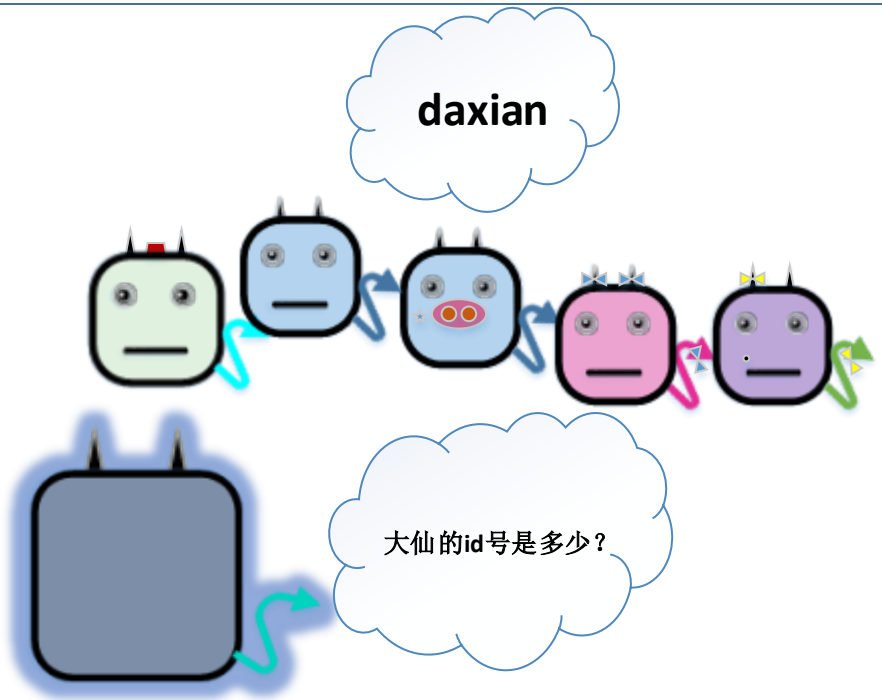
军训排队

1

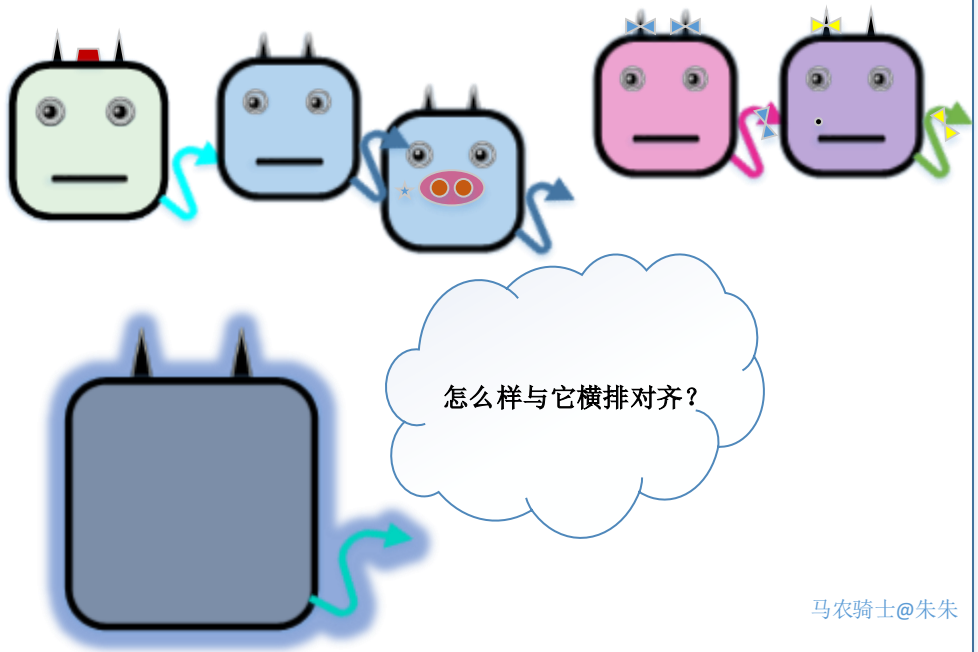
2

```
Rectangle {
    id: qizhi
    x: 20
    y: 20
    width: 200
    height: 200
}
```

3



4



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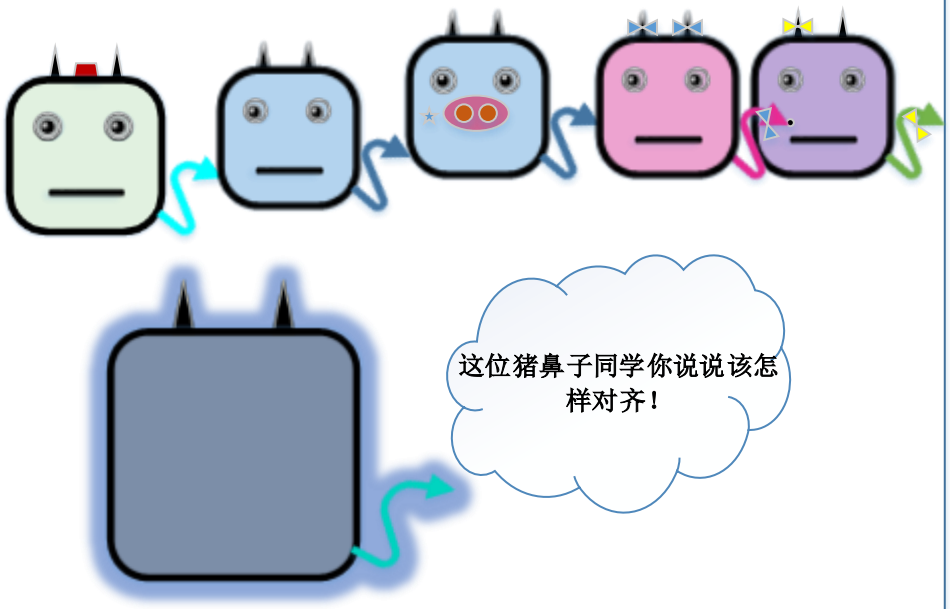
1



2

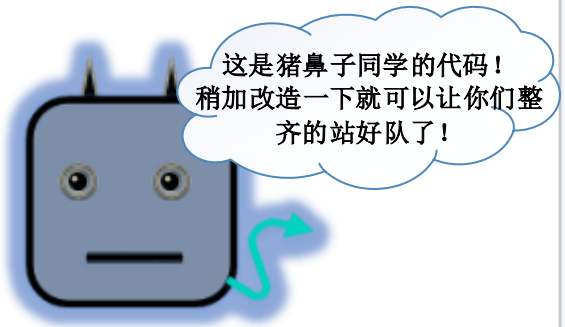
```
Rectangle {
    id: zhuzhu
    x: 20
    y: 20
    width: 200

    height: 200
    anchors.left: daxian.right
    anchors.bottom:  daxian.bottom
}
```

zhuzhu左侧与daxian右侧对齐

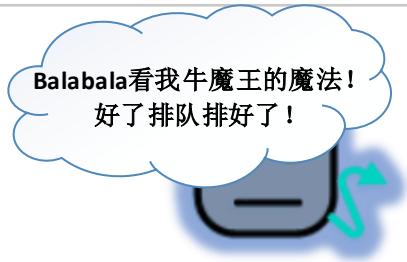
zhuzhu底部与daxia底部对齐

3

```
Rectangle {
    id: zhuzhu
    x: 20
    y: 20
    width: 200
    height: 200
}
```



4




```
Rectangle {
    id: zhuzhu
    x: 20
    y: 20
    width: 200

    height: 200
    anchors.left: daxian.right
    anchors.bottom:  daxian.bottom
}
```

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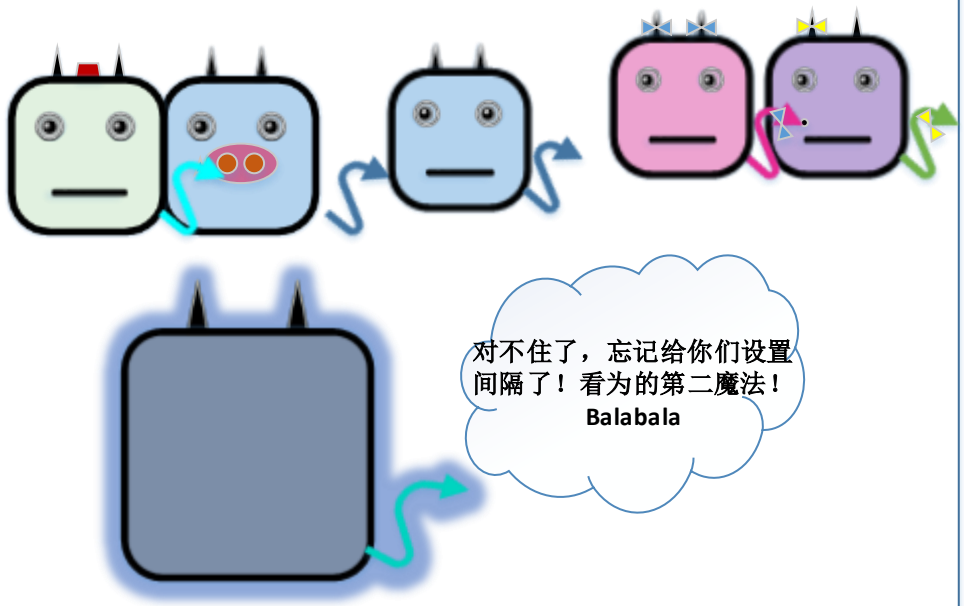
军训排队

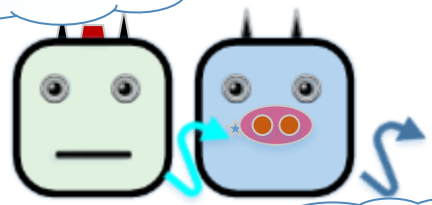
1



2

以后不要离我这么近啊！

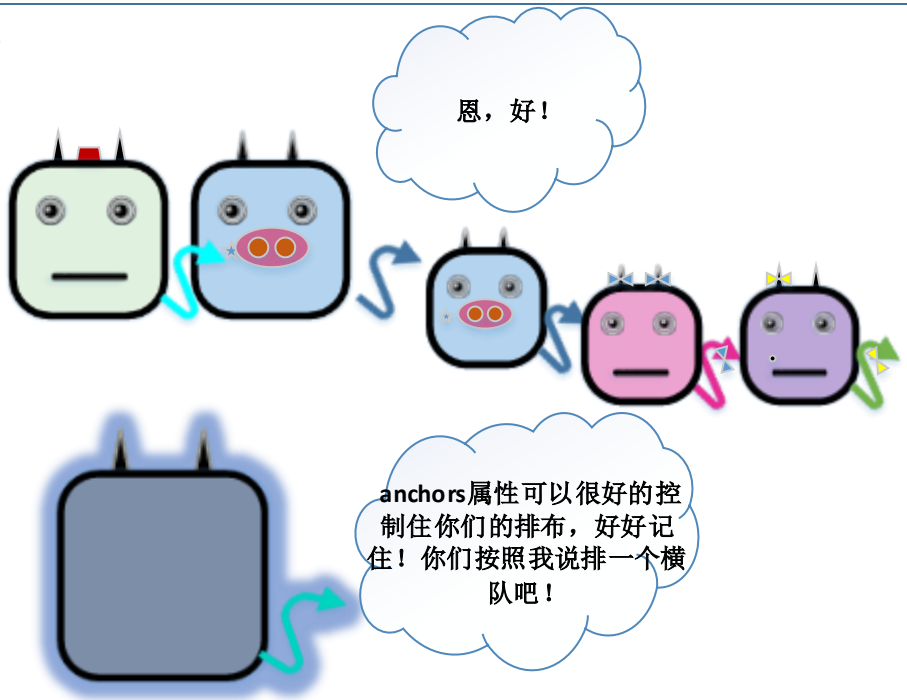
```
Rectangle {
    id: zhuzhu
    x: 20
    y: 20
    width: 200
    height: 200
    anchors.left: daxian.right
    anchors.bottom:  daxian.bottom
    anchors.leftMargin: 20
}
```



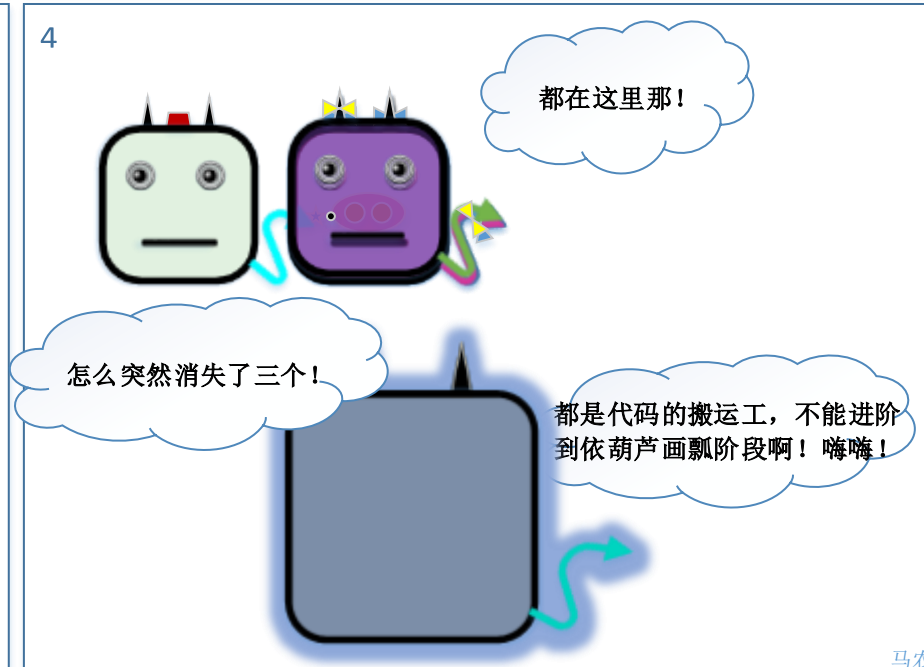
现在舒服多了！

控制间隔

3



4



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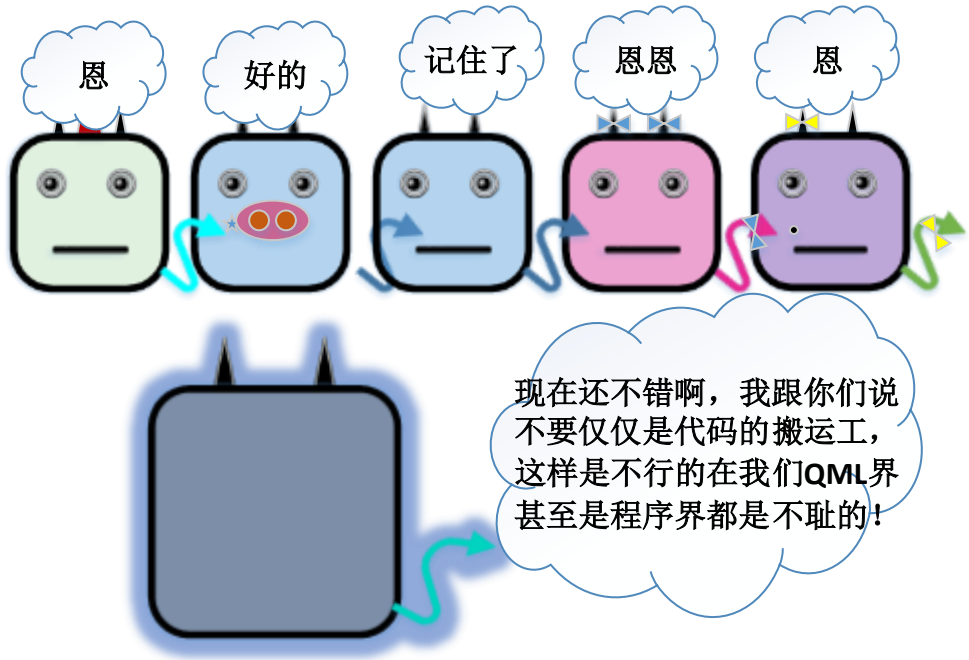
1



2

anchors.top : AnchorLine
anchors.bottom : AnchorLine
anchors.left : AnchorLine
anchors.right : AnchorLine
anchors.horizontalCenter : AnchorLine
anchors.verticalCenter : AnchorLine
anchors.baseline : AnchorLine
anchors.fill : Item

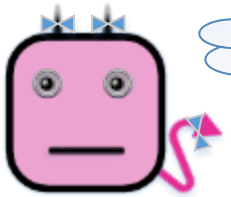
3

anchors.centerIn : Item
anchors.margins : real
anchors.topMargin : real
anchors.bottomMargin : real
anchors.leftMargin : real
anchors.rightMargin : real
anchors.horizontalCenterOffset : real
anchors.verticalCenterOffset : real
anchors.baselineOffset : real
anchors.alignWhenCentered : bool

4

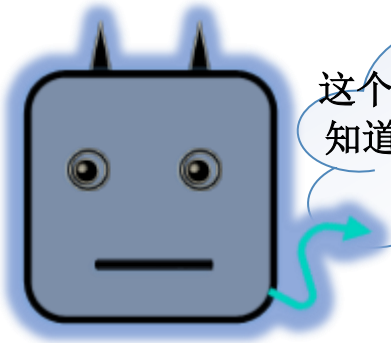
军训排队

1



这个AnchorLine是什么？

anchors.top : AnchorLine

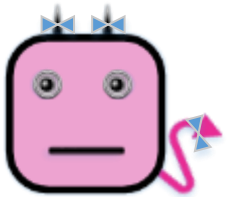


这个？不了解清楚其实也是可以，你不需要知道怎样手写一个AnchorLine出来，即使写出来也没多大的作用！

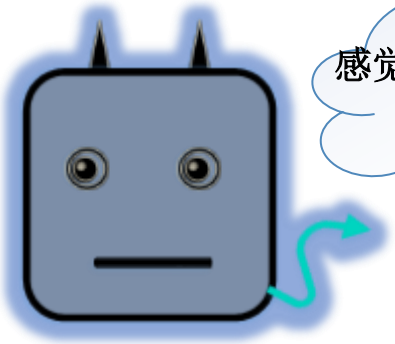
2

```
anchors.top : AnchorLine        // 顶部对齐线
anchors.bottom : AnchorLine     // 底部对齐线
anchors.left : AnchorLine       //左侧对齐线
anchors.right : AnchorLine      //右侧对齐线
anchors.horizontalCenter : AnchorLine
// 水平中心对齐线
anchors.verticalCenter : AnchorLine
// 垂直中心对齐线
```

3



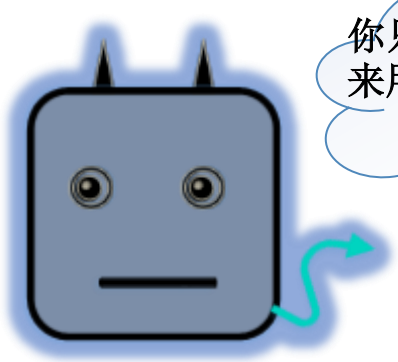
不清楚，这哪是做学问的态度啊!



感觉先知道怎么用才是王道？听老师的不要追究那么细先

4

anchors.left: daxian.right



你只需要知道别人也有这个，你拿过来用就可以了，就是别人是标准，你向他靠齐！

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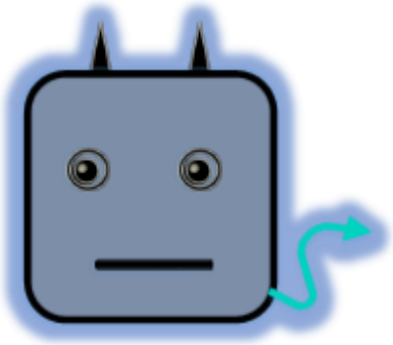
军训排队

1

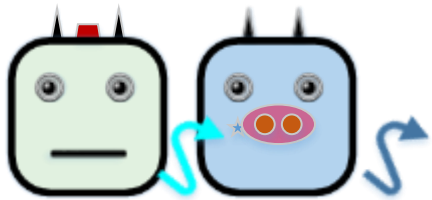
根据需要对齐两个属性就可以需要的位置！猪猪对齐大仙



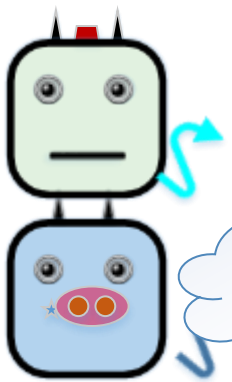
2

这个可以是：左对齐，底部对齐
也可是：左对齐，顶部对齐

我们基本一样大！



3

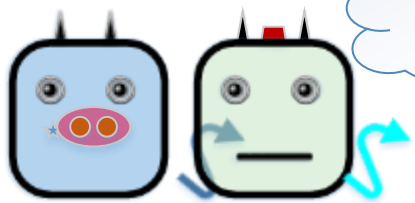


我移位！

4

我再移位！

不要再移位！



我还可以啊

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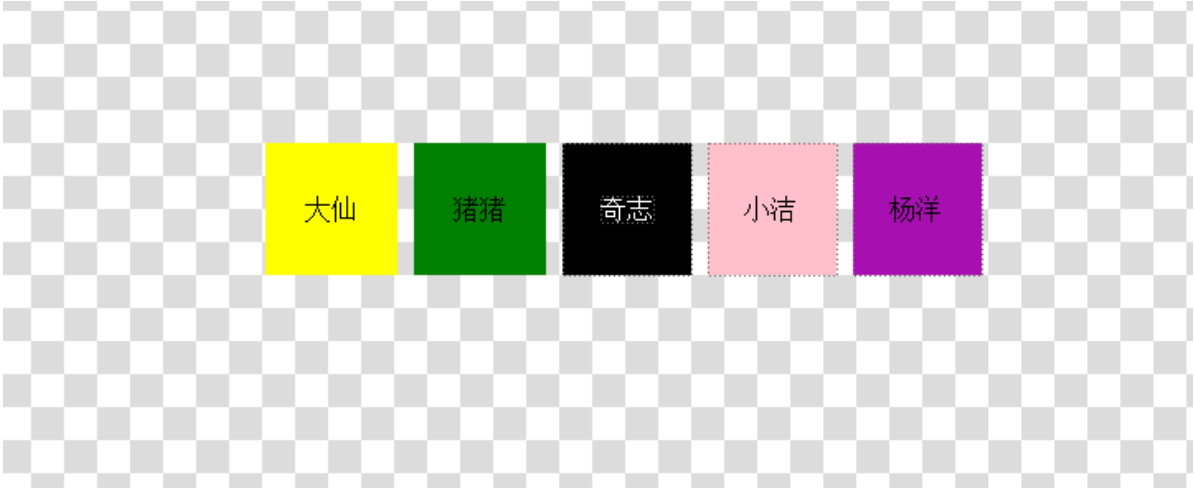


```
import QtQuick 2.0

 Item{
    id: rectangle1
    width: 800
    height: 400
    //color: "gray"
    Rectangle {
        x: 222
        y: 120
        id: daxian
        width: 80
        height: 80
        color: "yellow"
        anchors.verticalCenterOffset: 77
        Text {
            id: textdaxian
            anchors.horizontalCenter : parent.horizontalCenter  // 水平中心对齐
            anchors.verticalCenter: parent.verticalCenter        // 水平中心对齐
            text: qsTr("大仙")
            font.pixelSize: 16
        }
    }
    Rectangle {

        id: zhuzhu
        y: 102
        width: 80
        height: 80
        anchors.left: daxian.right   // 与大仙的右侧对齐
        anchors.leftMargin: 10
        anchors.bottom: daxian.bottom// 与大仙的底部对齐
        anchors.bottomMargin: 0
        color: "green"
        Text {
            id: textzhuzhu
            anchors.horizontalCenter : parent.horizontalCenter
```

```
        anchors.verticalCenter: parent.verticalCenter
        text: qsTr("猪猪")
        font.pixelSize: 16
    }
}

Rectangle {
    id: qizhi
    width: 78
    height: 80
    anchors.left: zhuzhu.right
    anchors.leftMargin: 10
    anchors.bottom: zhuzhu.bottom
    anchors.bottomMargin: 0
    anchors.margins: 20
    color: "black"

    Text {
        id: textqizhi
        color:"white"
        anchors.horizontalCenter : parent.horizontalCenter
        anchors.verticalCenter: parent.verticalCenter
        text: qsTr("奇志")
        font.pixelSize: 16
    }
}

Rectangle {
    id: xiaojie
    y: 120
    width: 78
    height: 80
    color: "pink"
    anchors.left: qizhi.right
    anchors.leftMargin: 10
    anchors.bottom: qizhi.bottom
    anchors.bottomMargin: 0

    Text {
        id: textxiaojie
        color:"black"
        anchors.horizontalCenter : parent.horizontalCenter
        anchors.verticalCenter: parent.verticalCenter
        text: qsTr("小洁")
        anchors.horizontalCenterOffset: -1
        font.pixelSize: 16
    }
}
```

```
    Rectangle {
        id: yangyang
        width: 78
        height: 80
        color: "#a70fb0"
        anchors.left: xiaojie.right
        anchors.leftMargin: 10
        anchors.bottom: xiaojie.bottom
        anchors.bottomMargin: 0


        Text {
            id: textyangyang
            color:"black"
            anchors.horizontalCenter : parent.horizontalCenter
            anchors.verticalCenter: parent.verticalCenter
            text: qsTr("杨洋")
            anchors.horizontalCenterOffset: -1
            font.pixelSize: 16
        }
    }

}
```