

```

for( ex <- itemGroup ) {
  for( tx <- ex._1 ) {
    val pointPosition = tx._2.indexOf(".")
    // • 不在最右边
    //若项目[A->α •aβ] ∈ Ik, 且 GO(Ik, a) = lj, a 为终结符, 则置 ACTION[k, a]
    为“sj”

    if (pointPosition < tx._2.length - 1) {
      val a = tx._2( pointPosition + 1 )
      if( localVT.contains(a) == true && findItemOrder(ex._1, a.toString) != -1 ) {
        val j = findItemOrder(ex._1, a.toString)
        var tmpRow = -1
        tmpRow = ex._2 + 1
        result(tmpRow)( getColumn(a.toString).ans ) = "S" + j.toString
      }
    }
    if (pointPosition == tx._2.length - 1) {
      val a = tx._3
      var tmpRow = -1
      tmpRow = ex._2 + 1
      result(tmpRow)(getColumn(a).ans) = "r" + ( findRelationOrder( (tx._1,
        tx._2.replace(".", "")) ) ) )
    }
    if( tx._1 == relations(0)._1 && tx._2 == relations(0)._2 + "." && tx._3 == "#" ) {
      var tmpRow = -1
      tmpRow = ex._2 + 1
      result(tmpRow)( getColumn("#").ans ) = "acc"
    }
  }
  for( ch <- localVN ) {
    if( findItemOrder(ex._1, ch.toString) != -1 ) {
      val gotoNumber = findItemOrder(ex._1, ch.toString)
      var tmpRow = -1
      tmpRow = ex._2 + 1
      //A = ch
      result(tmpRow)( getColumn(ch.toString).ans ) = gotoNumber.toString
    }
  }
}
result
}

```

### 3.5 程序运行截图

