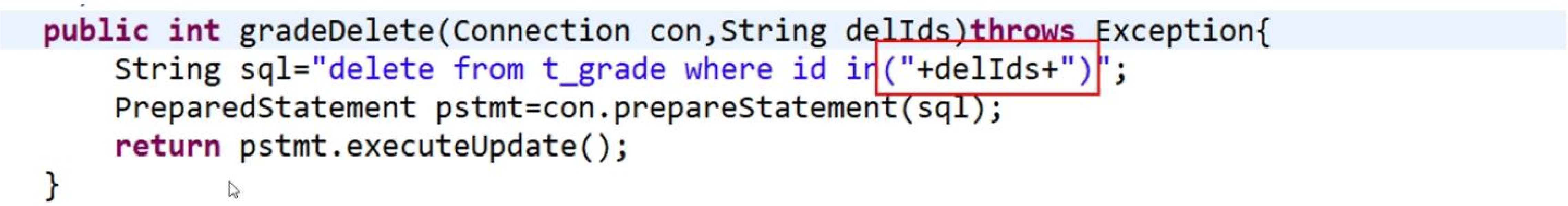
java代码审计
深度解析

第五课　jdbc-in-分析sql代码漏洞原因

SQL注入-JDBC遇到in-不正确写法

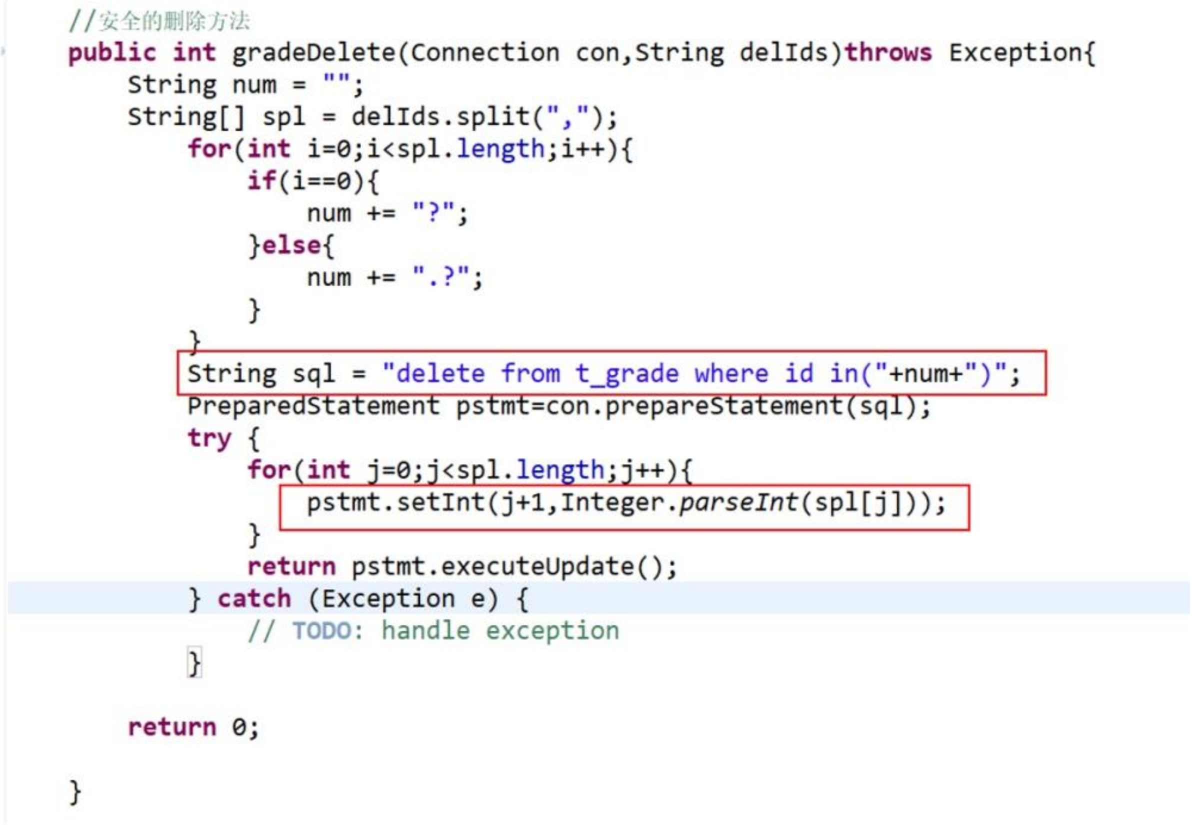
当预处理遇到in



```
public int gradeDelete(Connection con,String delIds)throws Exception{
    String sql="delete from t_grade where id in("+delIds+")";
    PreparedStatement pstmt=con.prepareStatement(sql);
    return pstmt.executeUpdate();
}
```

SQL注入-JDBC遇到in-正确写法

当预处理遇到in



```
//安全的删除方法
public int gradeDelete(Connection con,String delIds)throws Exception{
    String num = "";
    String[] spl = delIds.split(",");
        for(int i=0;i<spl.length;i++){
            if(i==0){
                num += "?";
            }else{
                num += ".?";
            }
        }
        String sql = "delete from t_grade where id in("+num+")";
        PreparedStatement pstmt=con.prepareStatement(sql);
        try {
            for(int j=0;j<spl.length;j++){
                pstmt.setInt(j+1,Integer.parseInt(spl[j]));
            }
            return pstmt.executeUpdate();
        } catch (Exception e) {
            // TODO: handle exception
        }

    return 0;

}
```

谢谢观赏