第一题

（1）

import java.sql.\*;

import java.util.Properties;

class main{

private static final String DBURL = "jdbc:sqlserver://localhost:1433;DatabaseName=Stu";

private static final String DBUSER = "sa";

private static final String DBPASSWORD = "yu123123";

private static Connection connection = null;

private static Statement statement = null;

private static ResultSet resultSet = null;

public static void main(String[] args) throws ClassNotFoundException{

Properties props = new Properties();

props.setProperty("user", DBUSER);

props.setProperty("password", DBPASSWORD);

props.setProperty("encrypt", "false");

props.setProperty("trustServerCertificate", "true");

connection = DriverManager.getConnection(DBURL, props);

} catch (Exception e) {

e.printStackTrace();

}

Statement =connection.createStatement();

resultSet = statement.executeQuery(in.nextline());

}

第二题

(1)

CREATE PROCEDURE discrete=math\_grade()

AS

DECLARE CURSOR dist FOR

SELECT grade FROM SC WHERE cno=

(SELECT Cno FROM Course WHERE Cname='离散数学)；

P\_100 NUMBER :=0;

P\_90 NUMBER :=0;

P\_80 NUMBER :=0;

P\_70 NUMBER :=0;

P\_60 NUMBER :=0;

p\_othersNUMBER :=0；

p\_gradeNUMBER;

BEGIN

OPEN dist;

LOOP

ETCH dist INTO p\_grad

EXIT WHEN(dist% NOTFOUND);

IF(p\_grade00)THEN

P\_100:=p\_100+1;

ELSIF(p\_grade >=90) THEN

P\_90:=p\_90+1；

ELSIF(p\_grade >=80) THEN

P\_80:=P\_80+1;

ELSIF(p\_grade>=70) THEN

P\_70:=P-70+1;

ELSIF(p\_grade >=60)TH

P\_60:=P\_60+1;

ELSIF

P\_others :=p\_others+1;

END IF

END LOOP;

CLOSE dist;

END

(2)

CREATE PROCEDURE avegsrade(incname CHAR(40) )

AS

BEGIN

SELECT AVG(Grade) FROM SC WHERE Cno=

( SELECT Cno FROM Course WHERE Cname = incname);

END;

(3)

CREATE PROCEDURE gradletype()

AS

DECLARE CURSOR gradecurssor FOR SELECT grade FROM SC;

scgrade NUMBER;

score CHAR(1);

GIN

OPEN gradecurssor

LOOP

FETCH gradecursor INTO scgrade;

EXIT WHEN( gradecursor %NOTFOUND)；

IF(scgrade >=90 AND scgrade <=100) THEN

score:='A'；

ELSIF(scgrade >=80) THEN

score:='B';

ELSIF(scgrade >=70) THEN

score:='C'；

ELSIF(scgrade >=60) THEN

score:='D';

ELSE

score:='E';

END IF;

END LOOP;

END;