1. Introduction

The well known database of the university of Somewhere needs some additional features. First of all it is necessary to explain a little bit the system of our university. For every successful finished course, the student has to make an exam and gets his/her percentage. If the course is paid and the percentage is at least 50%, the student is allowed to start with the next course-level.
Levels: B…Beginners; S…Standard; X…Experts

2. Data model

use MyUniV2.sql

3. Print and Set Discounts

Implement a PLSQL-procedure to print and set discounts for successful students.
"successful": student has reached at least grade 50 for each graduated exam

The procedure gets 2 parameters to determine boundaries:

- sum of costs of all successful and paid exams of a course between ***para-1*** and ***para-2*** ➔ 5%
- more than ***para-2*** ➔ 10%

Developer's hint:

- efficiency of data access is also of importance
- be aware of correct formatting

Test with boundaries € 20 and € 50:

output:

```
Ben Bluemchen..... Mathematics..... .... € 240 =>  10%
Ben Bluemchen..... Computer Science.... .... € 175 =>  10%
Scott Smith..... History..... ..... € 95 =>  10%
Bibi Block..... Mathematics..... ..... € 75 =>  10%
========= 50 ========    boundary-2
Tina Turner..... History..... ..... € 45 =>   5%
Ben Bluemchen..... History..... ..... € 45 =>   5%
Bibi Block..... History..... ..... € 45 =>   5%
Tina Turner..... German..... ..... € 25 =>   5%
Ben Bluemchen..... German..... ..... € 25 =>   5%
========= 20 ========    boundary - 1
```

table – contents (after call of procedure):

	LAST_NAME	FIRST_NAME	COURSE	COURSELEVEL	GRADE	PAID	COSTS	DISCOUNT
1	Block	Bibi	History	B	55	Y	45	5
2	Block	Bibi	History	S	(null)	N	50	(null)
3	Block	Bibi	Mathematics	B	75	Y	75	10
4	Block	Bibi	Mathematics	S	65	N	80	(null)
5	Bluemchen	Ben	Computer Science	B	55	Y	175	10
6	Bluemchen	Ben	German	B	65	Y	25	5
7	Bluemchen	Ben	History	S	(null)	Y	50	(null)
8	Bluemchen	Ben	History	B	55	Y	45	5
9	Bluemchen	Ben	Mathematics	S	65	Y	80	10
10	Bluemchen	Ben	Mathematics	B	75	Y	75	10
11	Bluemchen	Ben	Mathematics	X	50	Y	85	10
12	Smith	Scott	Computer Science	B	(null)	Y	175	(null)
13	Smith	Scott	German	B	45	Y	25	(null)
14	Smith	Scott	History	S	50	Y	50	10
15	Smith	Scott	History	B	50	Y	45	10
16	Smith	Scott	History	X	(null)	N	55	(null)
17	Turner	Tina	Computer Science	B	(null)	N	175	(null)
18	Turner	Tina	German	S	(null)	Y	70	(null)
19	Turner	Tina	German	B	90	Y	25	5
20	Turner	Tina	History	B	84	Y	45	5

Test with € 50 and € 100:

output:

```
Ben Bluemchen....... Mathematics..... .... € 240 =>  10%
Ben Bluemchen....... Computer Science.... .... € 175 =>  10%
========= 100 ========
Scott Smith......... History.............. ..... € 95 =>   5%
Bibi Block.......... Mathematics......... ..... € 75 =>   5%
========= 50 ========
```

table – contents:

	LAST_NAME	FIRST_NAME	COURSE	COURSELEVEL	GRADE	PAID	COSTS	DISCOUNT
1	Block	Bibi	History	B	55	Y	45	(null)
2	Block	Bibi	History	S	(null)	N	50	(null)
3	Block	Bibi	Mathematics	B	75	Y	75	5
4	Block	Bibi	Mathematics	S	65	N	80	(null)
5	Bluemchen	Ben	Computer Science	B	55	Y	175	10
6	Bluemchen	Ben	German	B	65	Y	25	(null)
7	Bluemchen	Ben	History	S	(null)	Y	50	(null)
8	Bluemchen	Ben	History	B	55	Y	45	(null)
9	Bluemchen	Ben	Mathematics	S	65	Y	80	10
10	Bluemchen	Ben	Mathematics	B	75	Y	75	10
11	Bluemchen	Ben	Mathematics	X	50	Y	85	10
12	Smith	Scott	Computer Science	B	(null)	Y	175	(null)
13	Smith	Scott	German	B	45	Y	25	(null)
14	Smith	Scott	History	S	50	Y	50	5
15	Smith	Scott	History	B	50	Y	45	5
16	Smith	Scott	History	X	(null)	N	55	(null)
17	Turner	Tina	Computer Science	B	(null)	N	175	(null)
18	Turner	Tina	German	S	(null)	Y	70	(null)
19	Turner	Tina	German	B	90	Y	25	(null)