Reports Linda’s requires

1. A listing for all ***DESIGNERS*** of the specifications they have worked on including in the output:

* their name
* email address
* a **10 character** description of the specification ***IN UPPERCASE***
* sorted in **descending** order of designer id
* specification description.

***DESIGNERS***

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| their name | email address | specification description. | designer id | **10 character** description |
|  | Constraint  “%@%.% |  | sorted in **descending** order | ***IN UPPERCASE*** |

1. A listing of all products. Including one column which

combines the product ID **AND** the product category code;

the product category description (***IN UPPERCASE***);

product description (in uppercase);

product price (preceded by the Euro symbol).

The listing should be **sorted** by product category description in ascending order and *descending order of product price within each category*.

1. A listing of all specifications showing

the specification ID,

client ID,

client name,

specification description,

specification date (formatted as dd/mm/yyyy)

specification commission(including the Euro symbol) **sorted in descending order of commission.**

1. A listing of all specifications showing

the specification ID,

client ID,

client name,

designer ID,

designer name,

specification description,

specification date (formatted as dd/mm/yyyy)

specification commission(including the Euro symbol) **sorted in descending order of commission**.

the following headers should be used

SPECIFICATION ID

CLIENT NAME

DESIGNER NAME

DESCRIPTION

COMMISSION DATE

COMMISSION AMT

1. A listing for each product used as part of

a specification

the specification ID,

specification description,

the product name,

product price,

number of each product used

a total price per product per specification (price x quantity used).

1. A listing for each specification including the

specification ID,

specification description

total cost of the specification (commission + Sum of price x product price for all products used).

***Hint: Involves a group***

1. A listing showing details required for report 6 but **including** an additional column in the output which categorises the specification as ‘High Value’ if the total cost is > 10,000, ‘Medium Cost’ if the total cost is between 8,000 and 10,000 and ‘Low Cost’ otherwise.

Hint: Involves a selection

1. A listing showing details required for report 6 but including only specifications with a total cost more than 10000.

Output should in the form of a sentence for each specification and the output column should be called ‘High Value Specifications’.

All numeric fields should be formatted appropriately for numerical/monetary field and trimmed of leading spaces to give a consistent output.

E.g.

Specification 102 Garden Patio used a total of 45 products at a cost of €1825.00 and the total cost including commission was €13825.00

**Hint: involves a group but including only selected values in the output with all output concatenated.**