

Question Set 43

There are 5 engineers who develop the database of a software company. You are one of those 5 engineers. The company you work for has been assigned to create software, and you have entrusted the team to create a database of that software. The software uses the product, brand table to store product information in the database. Use this table to answer the following questions.

Product

product_id	product_name	brand_id
1	Kirsco	1
2	Cheesebits	1
3	Snacker Spicy	1
4	Gift Assortment	2
5	Choc Shock	2
6	Milk Shortcake	2
7	Hawaian Cookies	2
8	Chocolate Marie	3
9	Potato Cracker	3

Brand

brand_id	brand_name
1	Maliban
2	Munchee
3	Sunrich

- 01) Create the Relation algebra query needed to find the "Choc Shock" biscuit on the product table of the database.
- 02) Search for product details under the brand name "Hawain Cookies" and product "Munchee". Create the required Relational Algebra Query. (Use 2 as brand_id.)
- 03) SQL Query is designed by other members of your team to suit their needs. Write the Relational Algebra Query to the created query.

i) `SELECT product_name FROM product;`

ii) `SELECT product_name FROM product WHERE brand_id = '2';`