

Exercise 2.4.1 from the textbook. The products database consists of 4 relational instances with the following schemas

Product(maker, model, type)                  Laptop(model, speed, ram, hd, screen, price)

PC(model, speed, ram, hd, price)      Printer(model, color, type, price)

Write relational algebra expressions for the following queries.

1. What PC models have a speed of at least 3.00?
2. Which manufacturers make laptops with a hard disk of at least 100GB?
3. Find the model number and price of all products (of any type) made by manufacturer B.
4. Find the model numbers of all color laser printers.
5. Find those manufacturers that sell Laptops, but not PC's.
6. Find those hard disk sizes that occur in two or more PC's.