## Submit\_Lab1\_Spring2023

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MSSV: SE170134

Subject: DBI202

Class: SE1712

a) PC models which have a speed of at least 3.00

πmodel(σspeed>=3.00(PC))

b) Manufacturers make laptops with a hard disk of at least 100GB

πmaker(Product ⋈ σhd>=100(Laptop))

c) Find the model number and price of all products (of any type) made by manufacturer B

πmodel, price(σmaker=B(Product) ⋈ (πmodel, price(PC)  πmodel, price(Laptop)  πmodel, price(Printer))

d) Find the model numbers of all color laser printers

πmodel(σtype=lasercolor=true(Printer))

e) Find those manufacturers that sell Laptops but not Pcs

πmaker(σtype=Laptop(Product)) - πmaker(σtype=PC(Product))