TD2 ACCESS

# Exercice 1

## Question 1

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| Algèbre relationnel | SQL |
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## Question 2

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| Algèbre relationnel | SQL |
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## Question 3

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| Algèbre relationnel | SQL |
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# Exercice 2

## Question 1

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| Algèbre relationnel | SQL |
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## Question 2

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| Algèbre relationnel | SQL |
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## Question 3

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| Algèbre relationnel | SQL |
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## Question 4

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| Algèbre relationnel | | SQL |
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## Question 5

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| Algèbre relationnel | | SQL |
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## Question 6

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| Algèbre relationnel | SQL |
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## Question 7

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| Algèbre relationnel | SQL |
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## Question 8

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| Algèbre relationnel | SQL |
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# Exercice 3

## Question 1

Algèbre relationnel :

SQL :

## Question 2

Algèbre relationnel :

SQL : SELECT Composition\_Panier.IdPanier, Composition\_Panier.RefArticle, Article.Designation, Composition\_Panier.QteAchetee, Article.PrixUnitaireNegocie FROM Article INNER JOIN Composition\_Panier ON Article.RefArticle = Composition\_Panier.RefArticle;

## Question 3

Algèbre Relationnel :

SQL : SELECT Composition\_Panier.RefArticle, Article.Designation, Composition\_Panier.QteAchetee, Article.PrixUnitaireNegocie FROM Article INNER JOIN Composition\_Panier ON Article.RefArticle = Composition\_Panier.RefArticle WHERE IdPanier = « P001 »;

## Question 4

Algèbre Relationnel :

SQL : SELECT Panier.IdPanier, Composition\_Panier.RefArticle, Composition\_Panier.QteAchetee, Famille.Nom

FROM (Famille INNER JOIN Panier ON Famille.IdFamille = Panier.IdFamille) INNER JOIN Composition\_Panier ON Panier.IdPanier = Composition\_Panier.IdPanier;

## Question 5

Algèbre Relationnel :

SQL : SELECT Famille.Nom FROM Famille INNER JOIN Panier ON Famille.IdFamille = Panier.IdFamille

WHERE ((Year([Panier].[DateAchat])="2017"));

## Question 6

Algèbre Relationnel :

SQL : SELECT Article.RefArticle, Article.Designation, Composition\_Panier.RefArticle

FROM Article INNER JOIN Composition\_Panier ON Article.RefArticle = Composition\_Panier.RefArticle

## Question 7

Algèbre Relationnel :

SQL : SELECT Composition\_Panier.RefArticle, Article.Designation

FROM (Famille INNER JOIN Panier ON Famille.IdFamille = Panier.IdFamille) INNER JOIN (Article INNER JOIN Composition\_Panier ON Article.RefArticle = Composition\_Panier.RefArticle) ON Panier.IdPanier = Composition\_Panier.IdPanier

WHERE (((Famille.Nom)="Dupras") AND (Year([Panier].[DateAchat])=2017));

## Question 8

Algèbre Relationnel :

SQL : SELECT Article.RefArticle, Article.Designation, Composition\_Panier.IdPanier

FROM Article LEFT JOIN Composition\_Panier ON Article.RefArticle = Composition\_Panier.RefArticle

WHERE (((Composition\_Panier.IdPanier)=IsNull([Composition\_Panier].[IdPanier])));