C1- S2-PRACTICE

Exercise 1 - BOOK AND AUTHORS

Q1 Complete the data types of the attributes of the **book** entity

BOOK	
Book ID	**Int**
Title	**Varchar**
Publish date	**Date**
Language	**Varchar**

Q2 From the **Author** table below, design the **Author** entity

Author ID	Name	Date of birth	Country
XXX	XXX	XXX	XXX
XXX	XXX	XXX	XXX
XXX	XXX	XXX	XXX

Author	
Author ID	**Int**
Name	**Varchar**
Date of birth	**Date**
Country	**Varchar**

Q3 By looking on the internet, complete the Book table with at least 3 examples (there are different answers possible)

Book ID	Title	Publish Date	Language
1	ផ្កាស្រពោន	1947	ខ្មែរ
2	ទុំទាវ	1715	ខ្មែរ
3	ចៅថិត្រ	1936	ខ្មែរ

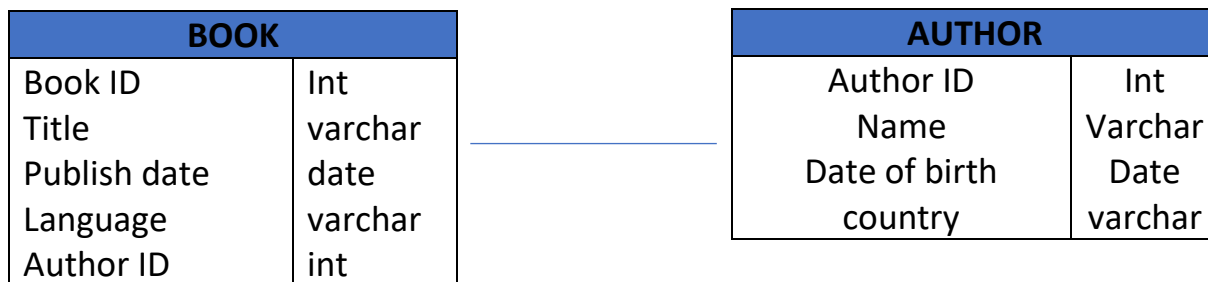**Q4**   Complete the Author table with the information of the authors of the book you find on the internet

Author ID	Name	Date of birth	Country
1	ទី ជីហ្គត	10 កុម្ភ: 1949	cambodia
2	នូហាច	26 មិថុនា 1916	cambodia
3	ញ៉ុក ថែម	21 មិថុនា 1903	cambodia

Q5   Update the Book table by adding a column to put the relation between the Book table and the Author table.

Note: Books are written by 1 author only

Book ID	Title	Publish Date	Language	*Author ID*
1	នារីជាទីស្នេហា	1953	ខ្មែរ	2
2	មាលាដួងចិត្ត	1972	ខ្មែរ	2
3	ផ្កាស្រពោន	1947	ខ្មែរ	2

Q6   Update the Books and Author entities and their relationship

BOOK	
Book ID	Int
Title	varchar
Publish date	date
Language	varchar
Author ID	int

AUTHOR	
Author ID	Int
Name	Varchar
Date of birth	Date
country	varchar

Exercise 2 - Movies

Note: Movies are directed by 1 director only

Q1 Complete the data types of the attributes of the **movie** entity

MOVIE	
Movie ID	Int
Title	Varchar
Release Year	Date
Movie Length	time

Q2 From the **Director** table below, design the **Director** entity

Director ID	Name	Date of birth	Country
XXX	XXX	XXX	XXX
XXX	XXX	XXX	XXX
XXX	XXX	XXX	XXX

Director	
Director ID	Int
Name	Varchar
Date of birth	Date
Country	varchar

Q3 By looking on the internet, complete the Movie table with at least 3 examples (there are different answers possible)

Movie ID	Title	Release Date	Movie Length
1	Guns of Eden	1991	**2:41**
2	Wesley Snipes in THE HITMAN	July 10 2007	**98 min**
3	THE OUTLAWS	25 October 2021	**1.10.05**

Q4 Complete the Authors table with the information of the authors of the book you find on the internet

Director ID	Name	Date of birth	Country
1	Gary Lamberson	Jan 1968	AR
2	Josef Rusnak	25 November 1958	German
3	Tony Giglio	June 3, 1971	US

Q5 Update the Movie table by adding a column to put the relation between the Movie table and the Director table.

Movie ID	Title	Release Date	Movie Length	Director ID
1	Guns of Eden	Jan 1968	**1.31.23**	1
2	Wesley Snipes in THE HITMAN	25 November 1958	**1.23.50**	2
3	THE OUTLAWS	June **3, 1971**	**1.10.05**	3

Q6 Update the Movie and Director entities   and their relationship

MOVIE	
Movie ID	Int
Title	Varchar
Release date	Date
Movie length	Time
Director ID	int

DIRECTOR	
Director ID	**Int**
Name	**Varchar**
Date of brith	**Date**
Country	**varchar**