Task 7 : Views

1. Create PROC PR\_InsertNewMember

@FullName VARCHAR(120),

@Email VARCHAR(120),

@Phone VARCHAR(20),

@Address VARCHAR(200)

AS

BEGIN

Insert Into Member (FullName, Email, Phone, Address)

values (@FullName, @Email, @Phone, @Address)

END

1. Create PROC PR\_UpdateBookEdition

@ISBN CHAR(13),

@Edition VARCHAR(30)

AS

BEGIN

Update Book

SET Edition = @Edition

where ISBN = @ISBN

END

1. Create PROC PR\_DeleteMemberByID

@MemberID INT

AS

BEGIN

Delete from Member

where MemberID = @MemberID

END

1. Create PROC PR\_GetAllBooks

AS

BEGIN

Select \* from Book

END

1. Create PROC PR\_GetAvailableBooks

AS

BEGIN

Select \* from BookCopy

where Status = 'Available'

END

1. Create PROC PR\_InsertCategory

@CategoryName VARCHAR(80)

AS

BEGIN

Insert Into Category (CategoryName)

VALUES (@CategoryName)

END

1. Create PROC PR\_DeletePublisher

@PublisherID INT

AS

BEGIN

Delete from Publisher

where PublisherID = @PublisherID

END

1. Create PROC PR\_UpdateMemberPhone

@MemberID INT,

@Phone VARCHAR(20)

AS

BEGIN

Update Member

SET Phone = @Phone

where MemberID = @MemberID

END

1. Create FUNCTION FUN\_CheckEvenOdd(

@Num INT

)

RETURNS VARCHAR(10)

AS

BEGIN

DECLARE @Result VARCHAR(10)

IF(@Num % 2 = 0)

SET @Result = 'EVEN'

ELSE

SET @Result = 'ODD'

RETURN @Result

END

1. Create FUNCTION FUN\_GetBookAge(

@PublicationYear INT

)

RETURNS INT

AS

BEGIN

RETURN YEAR(GETDATE()) - @PublicationYear

END

1. Create FUNCTION FUN\_GetCategoryName(

@CategoryID INT

)

RETURNS VARCHAR(80)

AS

BEGIN

DECLARE @CategoryName VARCHAR(80)

Select @CategoryName = CategoryName from Category

where CategoryID = @CategoryID

RETURN @CategoryName

END

1. Create FUNCTION FUN\_IsStudentMember(

@MemberID INT

)

RETURNS VARCHAR(10)

AS

BEGIN

DECLARE @Result VARCHAR(10)

IF EXISTS (

Select 1 from Member where MemberID = @MemberID AND MemberType = 'Student'

)

SET @Result = 'Yes'

ELSE

SET @Result = 'No'

RETURN @Result

END

1. Create FUNCTION FUN\_TotalBooks()

RETURNS INT

AS

BEGIN

DECLARE @Total INT

Select @Total = COUNT(\*) from Book

RETURN @Total

END

1. Create FUNCTION FUN\_GetPublisherCity(

@PublisherID INT

)

RETURNS VARCHAR(100)

AS

BEGIN

DECLARE @City VARCHAR(100)

Select @City = City from Publisher where PublisherID = @PublisherID

RETURN @City

END