Andrew Baldridge- A9

--Part 1

Drop table cis310A9..Branch

Drop table cis310A9..Author

Drop table cis310A9..Inventory

Drop table cis310A9..Wrote

Drop table cis310A9..Book

Drop table cis310A9..Publisher

--Part 2

Create table Publisher

(

Publisher\_Code varchar(2),

Publisher\_Name varchar(25),

City varchar(15)

)

Alter table Publisher

Add constraint PK\_Publisher primary key(Publisher\_Code)

Create table Book

(

Book\_Code varchar(4) Not Null,

Title varchar(30),

Publisher\_Code varchar(2),

[Type] varchar(3),

Price decimal Not Null,

Paperback varchar(4)

)

Alter table Book

Add constraint PK\_Book primary key(Book\_Code)

Add constraint FK\_Book foreign key(Publisher\_Code) references Publisher

Create table Author

(

Author\_Num int Not Null,

Author\_Last varchar(15),

Author\_First varchar(15)

)

Alter table Author

Add constraint PK\_Author primary key(Author\_Num)

Create table Wrote

(

Book\_Code varchar(4) Not Null,

Author\_Num int Not Null,

Sequence int Not Null

)

Alter table Wrote

Add constraint PK\_Wrote primary key(Book\_Code)

Add constraint FK\_Wrote foreign key(Author\_Num) references Author

Create table Branch

(

Branch\_Num int Not Null,

Branch\_Name varchar(25),

Branch Location varchar(30),

Num\_Employees int Not Null

)

Alter table Branch

Add constraint PK\_Branch primary key(Branch\_Num)

Create table Inventory

(

Book\_Code varchar(4) Not Null,

Branch\_Num int Not Null,

On\_Hand int Not Null

)

Alter table Wrote

Add constraint PK\_Inventory primary key(Book\_Code)

Add constraint FK\_Inventory foreign key(Branch\_Num) references Branch

--Part 3

Insert into Publisher

Values ('AH','Arkham House','Sauk City WI');

Insert into Publisher

Values ('AP','Arcade Publishing','New York');

Insert into Publisher

Values ('BA','Basic Books','Boulder CO');

Insert into Book

Values (0180,'A Deepness In The Sky','TB','SFI',7.19,'Yes');

Insert into Book

Values (0189,'Magic Terror','FA','HOR',7.99,'Yes');

Insert into Book

Values (0200,'The Stranger','VB','FIC',8.00,'Yes');

Insert into Wrote

Values (0180,3,1);

Insert into Wrote

Values (0189,5,1);

Insert into Wrote

Values (0200,18,1);

Insert into Inventory

Values (8720,1,3);

Insert into Inventory

Values (9611,1,2);

Insert into Inventory

Values (9627,3,5);

Insert into Author

Values (1,'Morrison','Tony');

Insert into Author

Values (2,'Solotaraff','Paul');

Insert into Author

Values (3,'Vintage','Vernor');

Insert into Branch

Values (1,'Henry Downtown','16 Riverview',10);

Insert into Branch

Values (2,'Henry On The Hill','1289 Bedford',6);

Insert into Branch

Values (3,'Henry Brentwood','Brentwood Mall',15);

--Part 4