

## INF 293 Computer Programming for Business Applications Class Work – 1

1. Start MS Access and create a new database with the name **CW1DATABASE** (with capital letters). This will be a database for a video store to keep track of the videos in the store.
2. Create a new table (with the name **Videos**) using the Design View and enter the following fields given below.

**You must determine which field should be the Primary Key field.  
Determine field length/size yourself.**

<u>Field Name</u>	<u>Data Type</u>	<u>Required</u>
MovieID	Text	yes
MovieTitle	Text	yes
Company	Text	
Category	Text	yes (Format it so that text entered will be converted to <b>uppercase</b> ) (Use Validation Rule)
		• The movie categories represent <b>A: Action, C: Comedy, H: Horror, M: Musical, S: Science-Fiction</b>
Price	Currency	
ReleasedDate	Date	yes (Use medium date format)

3. Save the table.
4. Go to Datasheet View and enter the following data (For dates enter any date you like):

<u>MovieID</u>	<u>MovieTitle</u>	<u>Company</u>	<u>Category</u>	<u>Price</u>	<u>Date</u>
10001	Cat on Hot Tin Roof	Warner Bros.	M	\$23.99	(enter
10002	The Witch	Paramount	S	\$12.12	dates
10003	Swingers	United Artist	C	\$13.45	into
10004	Bewitched	Paramount	C	\$12.88	this
10005	The Mighty Duck	Touchstone	H	\$9.99	field)
10006	Anaconda	Touchstone	M	\$9.00	
10007	Air Force One	Hemdale	A	\$23.12	
<b>10008</b>	<b>{your name/surname}</b>	<b>{your ID}</b>	<b>{your choice}</b>	.....	.....

(This record must contain your name and ID)

5. Updating a table

**Change a field entry:**

- Change the entry *Air Force One* to *Air Force I*.

**Deleting a record**

- Find and delete the record of the movie *The Mighty Duck*.

6. Modifying table design:

**Expanding field size:**

- Change the field size of MovieID field to **6**.

**Adding a new field:**

- Add a new field with the name **NumberInStock** and enter the following data:

<u>MovieID</u>	<u>NumberInStock</u>
10001	2
10002	21
10003	2
10004	11
10006	3
10007	18
10008	23

7. Save the table.