**SELECT**

Select basically used to show just display the result.

**To select all :**

SELECT \*

FROM customers;

**To select just one column :**

SELECT title

FROM books ;

**To select multiple columns :**

SELECT title, pubdate

FROM books;

**Column alias ( it is nothing different )**

**It is used to display the name of the column different whatever u want with the help of “AS”.**

SELECT title **AS** “ Title of books” , category ( here the category is just another column so don’t get confused )

FROM books;

**Using arithmetic operators in this select**

SELECT title, **retail- cost** profit

FROM books;

**To show the distinct or unique**

SELECT **DISTINCT** state

FROM customers;

**Concatenation (basically combining any two columns)**

SELECT firstname || ‘ ‘ || lastname “Customer Name”

FROM customers;

**Creating table ( we have four datatypes )**

**VARCHAR2(n)** – n is the maximum length of the column (example : VARCHAR2(9) can contain up to nine letters , numbers or symbols

**CHAR(n)** – n is the maximum length of the column

**NUMBER(p,s)** – p is the total number of digits decimal ke idhar bhi and decimal ke udhar bhi .

And s represents the total number of digits to the right of the decimal point .

Example : NUMBER(7,2) can store a value of up to 99999.99 here see

7 is the maximum number of digits and s is the 2 digits to the right.

If you don’t want the decimal digits just write the 7 that is p.

**DATE -**  date is always displayed in the format DD – MM -YY .

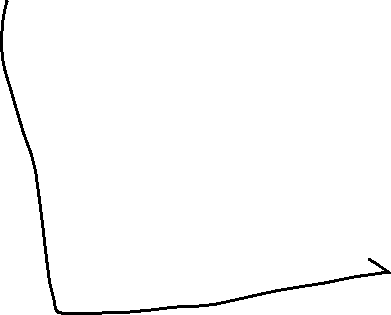


**CREATE TABLE**

CREATE TABLE acctmanager

(amid CHAR (4) , ( this all the names that’s

amfirst VARCHAR (12) , written in front of the



amlast VARCHAR (12), datatype



amedate DATE DEFAULT SYSDATE are the name



of the columns)



amsal NUMBER (8,2),

amcomm NUMBER(7,2)

amearn AS ( amsal + amcomm) here we combined two columns

region CHAR(2) ) ;

**SYSTDATE is the default date of the system**

**Viewing table structure**

**DESC** acctmanager (this will display the structure like all the column names with the datatypes )

**Creating table by retrieving data from another table**

CREATE TABLE cust\_mkt

**AS (**SELECT customer#, city , state, zip , referred , region

FROM customers);

**Alter table information**

ALTER TABLE publisher

ADD (ext NUMBER (4) ) ; ( this added to the table a new c.)

ALTER TABLE acctmanager

MODIFY ( amlast VARCHAR2(18) ) ;

( this will modify an existing coulumn )

**DROP COLUMN**

ALTER TABLE publisher;

DROP COLUMN ext;

**Renaming a table**

**RENAME** cust\_mkt **TO** cust\_mkt\_092009;

**DELETING a table**

**DROP TABLE** cust\_mkt\_092009;