

```
Create Table [Tnam]

([Cuane1] [cType1] ...,

[ ~ 2] [ ~ 2] an,

[ ~ m] [ ~ m] ...
```

```
Table Department
 Create
          INT _AUTO_INCREMENT,
      ID
            GAntomotically assigns the next
             number as the next ID
           Var Chair (20) NOT NULL,
      name
      S Integrity Gustraint
     PhoneNo Char (10),
     Address Vorchar (100) NOT Null,
     Primary Key (ID)
   );
-Adding the other Candidate Rays
Create Table
                Department
     ID INL
               AUTO_INCREMENT
                   Primary Key,
    Name VarChar (20) NOT NULL
                      Unique,
    Phone No Char (10),
    Address Vorchar (100) Not Null,
    Unique (Phone No, Address)
```

Create Table Professor ID UNIQUEIDENTIFIER Default NewID() Primary Key, Frame Varchaz (20) not null, Flamame Varchar (30) not null, UIN Char (10) not null unique, Email Varchar (30) check (Emoil Like -1.@1 1. 1 Salary Int check (Salary >=0) : %: 0 to many Dep-ID Int not null, Foreign Key Dep_ 1D Refrences Department

- Unique Identifier, the Hash duta Type, used for auto gen. Rimanj kents - Check (Constraint) Checks the validity of the [Constraint] - The keyword Like Specifies a Pattern-match a regular expression - The reg. expression : Under store = : a characture Altez: to Change a Table Alter Table [Tname] [The Change]; -Add a nar Glumn: Alter Table [Tname]

Add [Chane] [Ctype] ...; -e.g., Alter Table Department Add DepHeal ID Unique Ideatifier; - Rename or Column Alter Table [Thome] Rename [X] to [Y];

- Add Constraint:

Alter Table [Trane]

Add [Constraint];

-e.g.,
Alter Table Department
Add Foreign Key (DepHend ID)
Refrences (Professor);

Drop: To delete a Table
Drop Table [Tname]

- Delete a Column

Alter Table [Trane]

Drop Column [Chame]