891. Cmo: 591 cmd 15 " (") " Write any queries --*TEIS is an old way to run 891 Queries. SQL Server: - Authentication types: · Windows authentication - connect using your o · 891 server authentication - Connect using Accom given by your panager and you will be Some premissions. Note: if In The Query file There is or "x" beside the file name it means That This file 15 not saved yet. Server 3 Was Remote Not seen by internet seen by internet Wirtual physical Your Device cloude (Aws, Azam) . Some devices user Con send and recive requests and responses

Connect any device using it's IP address Dwy if we have The permission to connect This device or if 4 are working on a company an you want to excess your computer at the co. from your home if you have The germission Jonwill be able to do it. & Single coment . * CTRL K + CTRLC in Coment single - + CTRLAS + CTRLU * Data Types: * Numeric datatypes: - bit - boolean o (false), 1 (True) unsigned - tingint - 1 Byte - 127: 127 + 0:255 - Smallint - 2 Byte - 32768: 32768 - 0: 65535 - int - 4 Byte - bigint -> 8 Bute 1 byte = 8 bits Max number You Can Store = 21 #bits - 1 # Fraction data types: - Smallhoney - 4B.0000 - money - 8B.0000 - float - .000,0000 0000000 10000000

-dec or decimal - dec(5,2) total length to after point -dec (5,2) 123.45 V dec (5) - 12345 V * String data types: Cham(n) ~ Fixed length Charecter ((just=n)) varchar(n) is variable length Character 11 Not min) nchar (n) - like char but with unicode , an Store Arabic Marchan (m) - like varchan ... - Warcher (Hax) - up to 2GB [Can Store Brabic] Nanctar (mest) - up to 25B (can not stor ar) * Date fore detatypes: Formete - Date - MM/dd/ Yyyy [defends on The server] -time - hh: mm ! 55.123 . Defult 3 for milliseconds time (5) 5 digits For milliseconds - Smalldate time - puldel yyy hismin: BS - detetime - My idd 1 4444 hh: mm: 55.123 >misco -datatime 2 (n) - # of pulliscoonds - Civiles 6.5% - date time offset 11/23/2020 10:30 + 2:00 & Binary data types: -Binany - ollo11 - Var Binary (n) - Can Store [images, file, pof] nnot I mage - Store images not pereleved & other types XML - 591- Variant - am store amy types of data fint, Decimal, NVarcher, Date time, 13 IT

2-types ·Gloable! Exist by defult Declare Dage int-s select @@ SERVERNAME select @ age 1 Trevsion Building database using Ul Caucal wizard Database files: just pain database file: contains all The information in a database like Date of Creeton, user who created it, Tables, Coulons, Deta Types of Columns [netadata De Long Ortabase file: records all The transactions and changes to The dates Except TRuncate Table Statment [backup addaly. Landog, tol =