Week#2 Relational Data Model & the CREATE TABLE
Statement Basics of Relational Databases: Relational Databases consists of Databases Tables, sows & cloums. · Matching value is used to match relations b/w tables. · Tabley oon & clown (=> relation, Tuple & Attsibute Integrity soles: - Enitites integrity: primary keys attach buble has columns with unique values. = No missing values for pointary keys. -> Ensure traceable entities. · Referential inlegibly: foreign keys. Julius of a colour in one bable match values from a source table. -> Ensurer valid references among

tables:

Basic SQL :-CREATE Table Offering C Offer No INTEGER not null, CourseNo charces not null OffTime varochar(10), FacNo charais CONSTRAINT OFFERINGPR PRIMARY KEY (OFFERNO), CONSTRAINT CourseFK Foreign KEY (CourseNo) REFERENCES Course Course No), CONSTRAINT FacultyPK Foreign KEY (FacNo) CONSTRAINT OFFTIMECHECK CHECK COFFTIME SE Integrity Constraint Syntax: Constraint Set incolde: PRIMARY KEY FOREIGN REY UNIQUE NOT NULL CHECK