

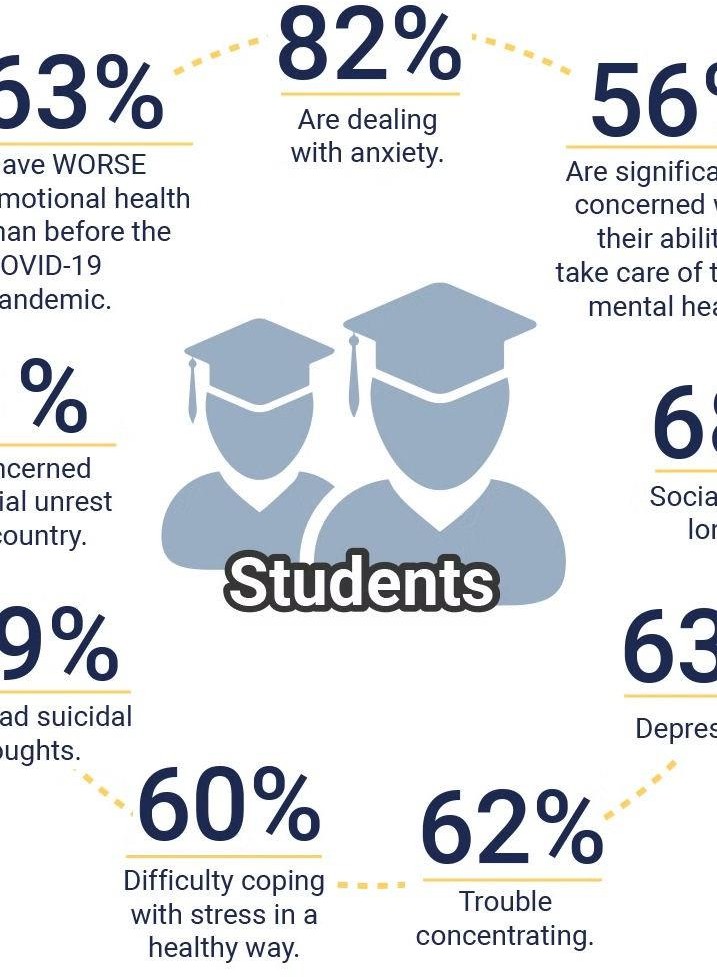
Student Mental Health System

##### Guided by- mr. Samir Warsolkar sir.

Developing a comprehensive database to improve student mental health support and services on campus.

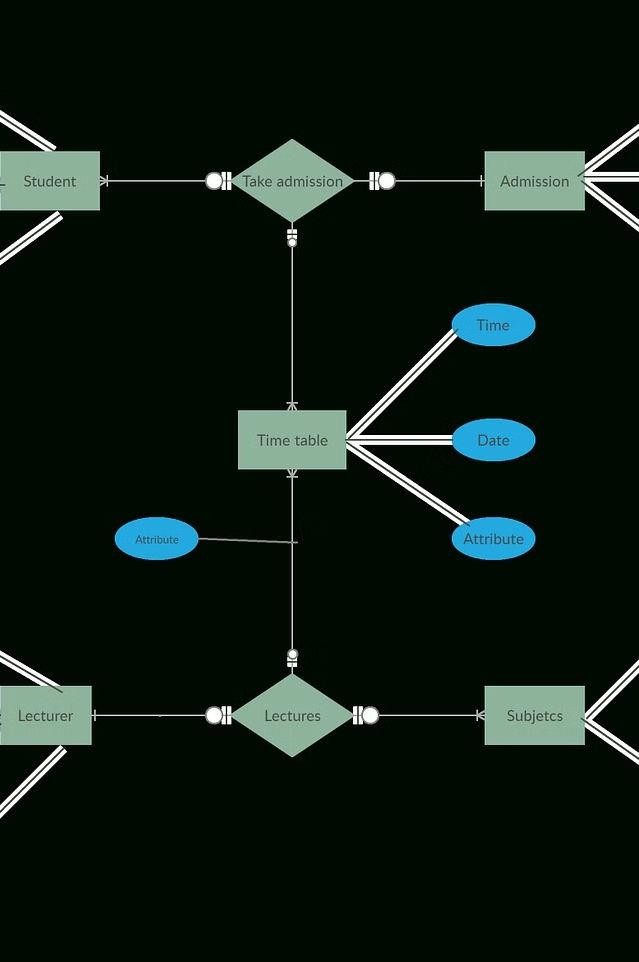
**Aditya vilas ghige**

**Batch ID -T316-DS**



# Defining the Problem and Objectives

The primary objective of the Student Mental Health System project is to develop a comprehensive database that can effectively track, manage, and support the mental health needs of students on campus. This will involve identifying the key challenges and pain points faced by students, as well as determining the most effective ways to collect, store, and analyze data to improve mental health services.



# Database Design and Entity Relationship Diagram

Designing a robust database schema to effectively store and manage student mental health data.

# Data Collection and Normalization

1. Identify **key data points** to collect about student mental health, such as symptoms, diagnoses, treatment plans, and outcomes.
2. Develop standardized intake forms and assessment tools to ensure consistent data collection across campus health services.
3. Implement **secure data sharing protocols** between counseling, health, and academic support services to centralize student mental health records.
4. Normalize data by establishing common taxonomies, definitions, and coding systems to facilitate analysis and reporting.
5. Anonymize and **protect sensitive personal information** to comply with privacy regulations and build student trust.

# Implementing the SQL Database

#### Set Up the Environment



**2**

**3**

Install SQL server, configure settings, and ensure connectivity.

#### Design the Database Structure

Translate the ERD into SQL data definitions, including tables, columns, and relationships.

#### Create the Database and Tables

Implement the schema using SQL commands to build the database.

# Creating Tables and Establishing Relationships

#### Defining Entity Tables

Create core tables for students, mental health providers, and services

#### Linking Entities

Establish connections between students, their care plans, and providers

#### Referential Integrity

Enforce rules to ensure consistency and validity of data

#### Lookup Tables

Build reference tables for diagnosis codes, treatment types, and more

# Populating the Database with Sample Data



#### Student Demographic Data

Incorporate enrollment records, personal details, and contact info.

#### Mental Health Service Utilization

Log appointment history, treatment plans, and outcomes.

#### Student Assessment Data

Intake forms, screening results, and self-reported well- being.

#### Ancillary Support Programs

Capture peer groups, wellness workshops, and referral services.

# Developing SQL Queries for Data Analysis

#### Identify Key Metrics

Pinpoint crucial data points to track mental health trends.

#### Generate Insightful Reports

Craft complex queries to produce comprehensive visualizations.

#### Monitor Treatment Outcomes

Track progress and identify successful intervention strategies.

#### Uncover Emerging Patterns

Analyze data to reveal hidden connections and opportunities.

# Generating Reports and Visualizations

#### Identify Key Metrics

Pinpoint crucial data points to track mental health trends across campus.

#### Generate Insightful Reports

Craft complex SQL queries to produce comprehensive visualizations and dashboards.

**Commands**

* create database jjk;
* use jjk;
* CREATE TABLE Students (

student\_id INT PRIMARY KEY, student\_name VARCHAR(100), age INT,

gender VARCHAR(10), grade\_level INT, school\_id INT

);

**# Inserting Table Data Of Students**

* INSERT INTO Schools (school\_id, school\_name, location) VALUES

(1, 'Central High School', 'New York'),

(2, 'Westside Middle School', 'Los Angeles'), (3, 'East Elementary School', 'Chicago'),

(4, 'North High School', 'Houston'),

(5, 'South Middle School', 'Philadelphia'), (6, 'West Elementary School', 'Phoenix'), (7, 'East High School', 'San Antonio'), (8, 'Central Middle School', 'San Diego'), (9, 'North Elementary School', 'Dallas'), (10, 'South High School', 'San Jose'), (11, 'West High School', 'Austin'),

(12, 'East Middle School', 'Jacksonville'),

(13, 'Central Elementary School', 'Fort Worth'), (14, 'North Middle School', 'Columbus'),

(15, 'South Elementary School', 'Charlotte'), (16, 'West High School', 'Indianapolis'), (17, 'East Middle School', 'San Francisco'), (18, 'Central High School', 'Seattle'),

(19, 'North Elementary School', 'Denver'), (20, 'South Middle School', 'Washington'), (21, 'West High School', 'Boston'),

(22, 'East Elementary School', 'El Paso'), (23, 'Central Middle School', 'Detroit'), (24, 'North High School', 'Nashville'),

(25, 'South Elementary School', 'Memphis'), (26, 'West Middle School', 'Portland'),

(27, 'East High School', 'Oklahoma City'),

(28, 'Central Elementary School', 'Las Vegas'), (29, 'North Middle School', 'Louisville'),

(30, 'South High School', 'Baltimore'),

(31, 'West Elementary School', 'Milwaukee'), (32, 'East High School', 'Albuquerque'),

(33, 'Central Middle School', 'Tucson'), (34, 'North Elementary School', 'Fresno'), (35, 'South Middle School', 'Sacramento'), (36, 'West High School', 'Kansas City'), (37, 'East Middle School', 'Long Beach'), (38, 'Central High School', 'Mesa'),

(39, 'North High School', 'Atlanta'),

(40, 'South Elementary School', 'Colorado Springs'), (41, 'West Middle School', 'Raleigh'),

(42, 'East Elementary School', 'Omaha'), (43, 'Central High School', 'Miami'),

(44, 'North Middle School', 'Oakland'), (45, 'South Elementary School', 'Tulsa'), (46, 'West High School', 'Cleveland'), (47, 'East Middle School', 'Minneapolis'),

(48, 'Central Elementary School', 'Wichita'), (49, 'North High School', 'Arlington'),

(50, 'South Middle School', 'New Orleans'), (51, 'West Elementary School', 'Bakersfield'), (52, 'East High School', 'Tampa'),

(53, 'Central Middle School', 'Honolulu'),

(54, 'North Elementary School', 'Aurora'), (55, 'South Middle School', 'Anaheim'), (56, 'West High School', 'Santa Ana'), (57, 'East Elementary School', 'St. Louis'), (58, 'Central High School', 'Riverside'),

(59, 'North Middle School', 'Corpus Christi'), (60, 'South Elementary School', 'Lexington'), (61, 'West Middle School', 'Pittsburgh'),

(62, 'East High School', 'Anchorage'), (63, 'Central Middle School', 'Stockton'), (64, 'North High School', 'Cincinnati'), (65, 'South Middle School', 'St. Paul'), (66, 'West Elementary School', 'Toledo'), (67, 'East Middle School', 'Greensboro'), (68, 'Central High School', 'Plano'),

(69, 'North Elementary School', 'Newark'), (70, 'South High School', 'Henderson'), (71, 'West Middle School', 'Lincoln'),

(72, 'East High School', 'Orlando'),

(73, 'Central Middle School', 'Jersey City'), (74, 'North Elementary School', 'Chula Vista'), (75, 'South Middle School', 'Buffalo'),

(76, 'West High School', 'Fort Wayne'), (77, 'East Elementary School', 'Chandler'),

(78, 'Central High School', 'St. Petersburg'), (79, 'North Middle School', 'Laredo'),

(80, 'South Elementary School', 'Durham'), (81, 'West Middle School', 'Irvine'),

(82, 'East High School', 'Madison'), (83, 'Central Middle School', 'Norfolk'), (84, 'North High School', 'Lubbock'), (85, 'South Middle School', 'Gilbert'), (86, 'West Elementary School', 'Reno'),

(87, 'East High School', 'Winston-Salem'), (88, 'Central Middle School', 'Glendale'), (89, 'North Elementary School', 'Hialeah'), (90, 'South High School', 'Garland'),

(91, 'West Middle School', 'Scottsdale'), (92, 'East Elementary School', 'Irving'), (93, 'Central High School', 'Chesapeake'),

(94, 'North High School', 'North Las Vegas'), (95, 'South Middle School', 'Fremont'),

(96, 'West High School', 'Baton Rouge'), (97, 'East Middle School', 'Richmond'), (98, 'Central Elementary School', 'Boise'),

(99, 'North Elementary School', 'San Bernardino'), (100, 'South High School', 'Spokane'),

(101, 'West Middle School', 'Birmingham'), (102, 'East High School', 'Modesto'),

(103, 'Central Middle School', 'Des Moines'), (104, 'North High School', 'Rochester'), (105, 'South Elementary School', 'Tacoma'), (106, 'West High School', 'Fontana'),

(107, 'East Middle School', 'Oxnard'),

(108, 'Central High School', 'Moreno Valley'), (109, 'North Middle School', 'Fayetteville'), (110, 'South Middle School', 'Aurora'),

(111, 'West Elementary School', 'Glendale'), (112, 'East High School', 'Yonkers'),

(113, 'Central Middle School', 'Huntington Beach'), (114, 'North Elementary School', 'Montgomery'), (115, 'South High School', 'Amarillo'),

(116, 'West Middle School', 'Akron'), (117, 'East High School', 'Little Rock'), (118, 'Central Middle School', 'Augusta'),

(119, 'North High School', 'Grand Rapids'), (120, 'South Elementary School', 'Mobile'), (121, 'West Middle School', 'Salt Lake City'), (122, 'East Elementary School', 'Tallahassee'), (123, 'Central High School', 'Huntsville'), (124, 'North Middle School', 'Grand Prairie'), (125, 'South High School', 'Overland Park'), (126, 'West Middle School', 'Knoxville'),

(127, 'East Elementary School', 'Worcester'), (128, 'Central High School', 'Brownsville'), (129, 'North High School', 'Newport News'), (130, 'South Middle School', 'Santa Clarita'), (131, 'West High School', 'Port St. Lucie'), (132, 'East Middle School', 'Providence'),

(133, 'Central Elementary School', 'Fort Lauderdale'), (134, 'North Elementary School', 'Chattanooga'), (135, 'South High School', 'Tempe'),

(136, 'West Middle School', 'Oceanside'),

(137, 'East High School', 'Garden Grove'),

(138, 'Central Middle School', 'Rancho Cucamonga'), (139, 'North High School', 'Cape Coral'),

(140, 'South Elementary School', 'Santa Rosa'), (141, 'West High School', 'Vancouver'),

(142, 'East Middle School', 'Sioux Falls'), (143, 'Central High School', 'Peoria'), (144, 'North Middle School', 'Springfield'),

(145, 'South Elementary School', 'Pembroke Pines'), (146, 'West Middle School', 'Elk Grove'),

(147, 'East High School', 'Salem'), (148, 'Central Middle School', 'Corona'), (149, 'North High School', 'Lancaster'),

(150, 'South Middle School', 'Palmdale'), (151, 'West Elementary School', 'Hayward'), (152, 'East Middle School', 'Salinas'),

(153, 'Central High School', 'Pomona'),

(154, 'North Elementary School', 'Sunnyvale'), (155, 'South High School', 'Escondido'),

(156, 'West Middle School', 'Pasadena'), (157, 'East High School', 'Orange'),

(158, 'Central Middle School', 'Fullerton'), (159, 'North Middle School', 'Thousand Oaks'), (160, 'South Elementary School', 'Visalia'), (161, 'West High School', 'Simi Valley'),

(162, 'East Middle School', 'Concord'), (163, 'Central High School', 'Roseville'),

(164, 'North Elementary School', 'Santa Clara'), (165, 'South High School', 'Vallejo'),

(166, 'West Middle School', 'Victorville'), (167, 'East High School', 'El Monte'), (168, 'Central Middle School', 'Berkeley'), (169, 'North High School', 'Downey'),

(170, 'South Middle School', 'Costa Mesa'), (171, 'West Elementary School', 'Inglewood'), (172, 'East Middle School', 'Carlsbad'),

(173, 'Central High School', 'San Buenaventura (Ventura)'), (174, 'North Middle School', 'Fairfield'),

(175, 'South Elementary School', 'West Covina'), (176, 'West High School', 'Murrieta'),

(177, 'East Middle School', 'Richmond'), (178, 'Central Middle School', 'Norwalk'), (179, 'North High School', 'Daly City'), (180, 'South Middle School', 'Burbank'), (181, 'West Elementary School', 'Antioch'), (182, 'East High School', 'Temecula'), (183, 'Central Middle School', 'Rialto'),

(184, 'North Elementary School', 'Lakewood'), (185, 'South High School', 'Ventura'),

(186, 'West Middle School', 'Santa Maria'), (187, 'East High School', 'Hesperia'),

(188, 'Central Middle School', 'Santa Barbara'), (189, 'North High School', 'Chico'),

(190, 'South Middle School', 'Indio'),

(191, 'West Elementary School', 'Whittier'), (192, 'East Middle School', 'Newport Beach'), (193, 'Central High School', 'Livermore'),

(194, 'North Elementary School', 'Redwood City'), (195, 'South High School', 'Merced'),

(196, 'West Middle School', 'Mountain View'), (197, 'East High School', 'Yuba City'),

(198, 'Central Middle School', 'Pleasanton'), (199, 'North Middle School', 'San Leandro'), (200, 'South Elementary School', 'Palo Alto');

## 2nd Table Description And Their Data

CREATE TABLE Schools (

school\_id INT PRIMARY KEY, school\_name VARCHAR(100),

location VARCHAR(100)

##### #Inserting Table Data Of Schools

* INSERT INTO Schools (school\_id, school\_name, location) VALUES

(1, 'Central High School', 'New York'),

(2, 'Westside Middle School', 'Los Angeles') (3, 'East Elementary School', 'Chicago'), (4, 'North High School', 'Houston'),

(5, 'South Middle School', 'Philadelphia'), (6, 'West Elementary School', 'Phoenix'), (7, 'East High School', 'San Antonio'), (8, 'Central Middle School', 'San Diego'), (9, 'North Elementary School', 'Dallas'), (10, 'South High School', 'San Jose'), (11, 'West High School', 'Austin'),

(12, 'East Middle School', 'Jacksonville'),

(13, 'Central Elementary School', 'Fort Worth'), (14, 'North Middle School', 'Columbus'),

(15, 'South Elementary School', 'Charlotte'), (16, 'West High School', 'Indianapolis'), (17, 'East Middle School', 'San Francisco'), (18, 'Central High School', 'Seattle'),

(19, 'North Elementary School', 'Denver'), (20, 'South Middle School', 'Washington'), (21, 'West High School', 'Boston'),

(22, 'East Elementary School', 'El Paso'), (23, 'Central Middle School', 'Detroit'), (24, 'North High School', 'Nashville'),

(25, 'South Elementary School', 'Memphis'), (26, 'West Middle School', 'Portland'),

(27, 'East High School', 'Oklahoma City'),

(28, 'Central Elementary School', 'Las Vegas'), (29, 'North Middle School', 'Louisville'),

(30, 'South High School', 'Baltimore'),

(31, 'West Elementary School', 'Milwaukee'), (32, 'East High School', 'Albuquerque'),

(33, 'Central Middle School', 'Tucson'), (34, 'North Elementary School', 'Fresno'), (35, 'South Middle School', 'Sacramento'), (36, 'West High School', 'Kansas City'), (37, 'East Middle School', 'Long Beach'), (38, 'Central High School', 'Mesa'),

(39, 'North High School', 'Atlanta'),

(40, 'South Elementary School', 'Colorado Springs'), (41, 'West Middle School', 'Raleigh'),

(42, 'East Elementary School', 'Omaha'), (43, 'Central High School', 'Miami'),

(44, 'North Middle School', 'Oakland'), (45, 'South Elementary School', 'Tulsa'), (46, 'West High School', 'Cleveland'), (47, 'East Middle School', 'Minneapolis'),

(48, 'Central Elementary School', 'Wichita'), (49, 'North High School', 'Arlington'),

(50, 'South Middle School', 'New Orleans'), (51, 'West Elementary School', 'Bakersfield'), (52, 'East High School', 'Tampa'),

(53, 'Central Middle School', 'Honolulu'), (54, 'North Elementary School', 'Aurora'), (55, 'South Middle School', 'Anaheim'), (56, 'West High School', 'Santa Ana'), (57, 'East Elementary School', 'St. Louis'), (58, 'Central High School', 'Riverside'),

(59, 'North Middle School', 'Corpus Christi'), (60, 'South Elementary School', 'Lexington'), (61, 'West Middle School', 'Pittsburgh'),

(62, 'East High School', 'Anchorage'),

(63, 'Central Middle School', 'Stockton'), (64, 'North High School', 'Cincinnati'), (65, 'South Middle School', 'St. Paul'), (66, 'West Elementary School', 'Toledo'), (67, 'East Middle School', 'Greensboro'), (68, 'Central High School', 'Plano'),

(69, 'North Elementary School', 'Newark'), (70, 'South High School', 'Henderson'), (71, 'West Middle School', 'Lincoln'),

(72, 'East High School', 'Orlando'),

(73, 'Central Middle School', 'Jersey City'), (74, 'North Elementary School', 'Chula Vista'), (75, 'South Middle School', 'Buffalo'),

(76, 'West High School', 'Fort Wayne'), (77, 'East Elementary School', 'Chandler'),

(78, 'Central High School', 'St. Petersburg'), (79, 'North Middle School', 'Laredo'),

(80, 'South Elementary School', 'Durham'), (81, 'West Middle School', 'Irvine'),

(82, 'East High School', 'Madison'), (83, 'Central Middle School', 'Norfolk'), (84, 'North High School', 'Lubbock'), (85, 'South Middle School', 'Gilbert'), (86, 'West Elementary School', 'Reno'),

(87, 'East High School', 'Winston-Salem'), (88, 'Central Middle School', 'Glendale'), (89, 'North Elementary School', 'Hialeah'), (90, 'South High School', 'Garland'),

(91, 'West Middle School', 'Scottsdale'), (92, 'East Elementary School', 'Irving'), (93, 'Central High School', 'Chesapeake'),

(94, 'North High School', 'North Las Vegas'), (95, 'South Middle School', 'Fremont'),

(96, 'West High School', 'Baton Rouge'), (97, 'East Middle School', 'Richmond'), (98, 'Central Elementary School', 'Boise'),

(99, 'North Elementary School', 'San Bernardino'), (100, 'South High School', 'Spokane'),

(101, 'West Middle School', 'Birmingham'), (102, 'East High School', 'Modesto'),

(103, 'Central Middle School', 'Des Moines'), (104, 'North High School', 'Rochester'), (105, 'South Elementary School', 'Tacoma'), (106, 'West High School', 'Fontana'),

(107, 'East Middle School', 'Oxnard'),

(108, 'Central High School', 'Moreno Valley'), (109, 'North Middle School', 'Fayetteville'), (110, 'South Middle School', 'Aurora'),

(111, 'West Elementary School', 'Glendale'), (112, 'East High School', 'Yonkers'),

(113, 'Central Middle School', 'Huntington Beach'), (114, 'North Elementary School', 'Montgomery'), (115, 'South High School', 'Amarillo'),

(116, 'West Middle School', 'Akron'), (117, 'East High School', 'Little Rock'), (118, 'Central Middle School', 'Augusta'),

(119, 'North High School', 'Grand Rapids'), (120, 'South Elementary School', 'Mobile'), (121, 'West Middle School', 'Salt Lake City'), (122, 'East Elementary School', 'Tallahassee'), (123, 'Central High School', 'Huntsville'), (124, 'North Middle School', 'Grand Prairie'), (125, 'South High School', 'Overland Park'), (126, 'West Middle School', 'Knoxville'),

(127, 'East Elementary School', 'Worcester'), (128, 'Central High School', 'Brownsville'), (129, 'North High School', 'Newport News'), (130, 'South Middle School', 'Santa Clarita'), (131, 'West High School', 'Port St. Lucie'), (132, 'East Middle School', 'Providence'),

(133, 'Central Elementary School', 'Fort Lauderdale'), (134, 'North Elementary School', 'Chattanooga'), (135, 'South High School', 'Tempe'),

(136, 'West Middle School', 'Oceanside'), (137, 'East High School', 'Garden Grove'),

(138, 'Central Middle School', 'Rancho Cucamonga'), (139, 'North High School', 'Cape Coral'),

(140, 'South Elementary School', 'Santa Rosa'), (141, 'West High School', 'Vancouver'),

(142, 'East Middle School', 'Sioux Falls'), (143, 'Central High School', 'Peoria'), (144, 'North Middle School', 'Springfield'),

(145, 'South Elementary School', 'Pembroke Pines'),

(146, 'West Middle School', 'Elk Grove'), (147, 'East High School', 'Salem'), (148, 'Central Middle School', 'Corona'), (149, 'North High School', 'Lancaster'),

(150, 'South Middle School', 'Palmdale'), (151, 'West Elementary School', 'Hayward'), (152, 'East Middle School', 'Salinas'),

(153, 'Central High School', 'Pomona'),

(154, 'North Elementary School', 'Sunnyvale'), (155, 'South High School', 'Escondido'),

(156, 'West Middle School', 'Pasadena'), (157, 'East High School', 'Orange'),

(158, 'Central Middle School', 'Fullerton'), (159, 'North Middle School', 'Thousand Oaks'), (160, 'South Elementary School', 'Visalia'), (161, 'West High School', 'Simi Valley'),

(162, 'East Middle School', 'Concord'), (163, 'Central High School', 'Roseville'),

(164, 'North Elementary School', 'Santa Clara'), (165, 'South High School', 'Vallejo'),

(166, 'West Middle School', 'Victorville'), (167, 'East High School', 'El Monte'), (168, 'Central Middle School', 'Berkeley'), (169, 'North High School', 'Downey'),

(170, 'South Middle School', 'Costa Mesa'), (171, 'West Elementary School', 'Inglewood'), (172, 'East Middle School', 'Carlsbad'),

(173, 'Central High School', 'San Buenaventura (Ventura)'), (174, 'North Middle School', 'Fairfield'),

(175, 'South Elementary School', 'West Covina'), (176, 'West High School', 'Murrieta'),

(177, 'East Middle School', 'Richmond'), (178, 'Central Middle School', 'Norwalk'), (179, 'North High School', 'Daly City'), (180, 'South Middle School', 'Burbank'), (181, 'West Elementary School', 'Antioch'), (182, 'East High School', 'Temecula'), (183, 'Central Middle School', 'Rialto'),

(184, 'North Elementary School', 'Lakewood'), (185, 'South High School', 'Ventura'),

(186, 'West Middle School', 'Santa Maria'), (187, 'East High School', 'Hesperia'),

(188, 'Central Middle School', 'Santa Barbara'), (189, 'North High School', 'Chico'),

(190, 'South Middle School', 'Indio'),

(191, 'West Elementary School', 'Whittier'), (192, 'East Middle School', 'Newport Beach'), (193, 'Central High School', 'Livermore'),

(194, 'North Elementary School', 'Redwood City'), (195, 'South High School', 'Merced'),

(196, 'West Middle School', 'Mountain View'), (197, 'East High School', 'Yuba City'),

(198, 'Central Middle School', 'Pleasanton'), (199, 'North Middle School', 'San Leandro'), (200, 'South Elementary School', 'Palo Alto');

## 3rd Table Description And Their Data

* CREATE TABLE Counselors (

counselor\_id INT PRIMARY KEY auto\_increment, counselor\_name VARCHAR(100),

school\_id INT,

FOREIGN KEY (school\_id) REFERENCES Schools(school\_id)

);

##### # Inserting Table Data Of Counselors

INSERT INTO Counselors (counselor\_name, school\_id) VALUES

('Alice Johnson', 1),

('Bob Smith', 2),

('Emily Davis', 3),

('Michael Wilson', 4),

('Olivia Brown', 5),

('David Miller', 6),

('Sophia Taylor', 7),

('Daniel Anderson', 8),

('Ava Thomas', 9),

('James Martinez', 10),

('Charlotte Hernandez', 11),

('William Young', 12),

('Amelia White', 13),

('Benjamin Lopez', 14),

('Mia Adams', 15),

('Ethan Lee', 16),

('Harper Gonzalez', 17),

('Alexander Nelson', 18),

('Evelyn Hall', 19),

('Jacob Allen', 20),

('Ella Garcia', 21),

('Michael Wright', 22),

('Abigail King', 23),

('Daniel Lewis', 24),

('Elizabeth Scott', 25),

('Matthew Baker', 26),

('Sofia Perez', 27),

('Andrew Cook', 28),

('Avery Hall', 29),

('Joseph Carter', 30),

('Victoria Hill', 31),

('Joshua Perez', 32),

('Madison Kelly', 33),

('Christopher Wright', 34),

('Scarlett James', 35),

('Anthony Torres', 36),

('Grace Long', 37),

('Dylan Nguyen', 38),

('Chloe Morris', 39),

('Ryan Brown', 40),

('Zoey Rivera', 41),

('Nathan Foster', 42),

('Hannah Collins', 43),

('Justin Bennett', 44),

('Aria Murphy', 45),

('Kevin Richardson', 46),

('Addison Cooper', 47),

('Brandon Bailey', 48),

('Lily Ross', 49),

('Samuel Wood', 50),

('Natalie Reed', 51),

('Gabriel Ward', 52),

('Samantha Bell', 53),

('Logan Jenkins', 54),

('Leah Brooks', 55),

('Nicholas Coleman', 56),

('Audrey Perry', 57),

('John Ramirez', 58),

('Alyssa Price', 59),

('Isaac Hayes', 60),

('Eleanor Martinez', 61),

('Carter Hughes', 62),

('Lillian Ortiz', 63),

('David West', 64),

('Violet Henderson', 65),

('Tyler Green', 66),

('Aubrey Simmons', 67),

('Caleb Washington', 68),

('Claire Butler', 69),

('Isaiah Edwards', 70),

('Stella Cooper', 71),

('Owen Baker', 72),

('Maya Bryant', 73),

('Elijah Patterson', 74),

('Lucy Barnes', 75),

('Julian Jenkins', 76),

('Paisley Diaz', 77),

('Gavin Sanders', 78),

('Brooklyn Parker', 79),

('Jackson Foster', 80),

('Layla Evans', 81),

('Dominic Henderson', 82),

('Brooklyn Gray', 83),

('Jaxon Watson', 84),

('Aurora Morris', 85),

('Christian Perry', 86),

('Penelope Reed', 87),

('Brayden Ross', 88),

('Ellie Rivera', 89),

('Hunter James', 90),

('Ariana Cook', 91),

('Grayson Coleman', 92),

('Naomi Turner', 93),

('Cameron Ward', 94),

('Autumn Hill', 95),

('Levi Ortiz', 96),

('Bella Hayes', 97),

('Xavier Simmons', 98),

('Mila Washington', 99),

('Leo Butler', 100),

('Nova Edwards', 101),

('Gabriel Foster', 102),

('Eva Cooper', 103),

('Josiah Bryant', 104),

('Willow Patterson', 105),

('Henry Barnes', 106),

('Luna Jenkins', 107),

('Hudson Diaz', 108),

('Zoe Sanders', 109),

('Mateo Parker', 110),

('Gianna Foster', 111),

('Elias Evans', 112),

('Kinsley Henderson', 113),

('Jace Gray', 114),

('Savannah Watson', 115),

('Asher Morris', 116),

('Elliana Perry', 117),

('Roman Reed', 118),

('Clara Ross', 119),

('Xander Rivera', 120),

('Fatima James', 121),

('Axel Cook', 122),

('Molly Coleman', 123),

('Jaxon Turner', 124),

('Adeline Ward', 125),

('Damian Hill', 126),

('Joseph Ortiz', 127),

('Delilah Hayes', 128),

('Harrison Simmons', 129),

('Avery Washington', 130),

('Sophie Butler', 131),

('Ezekiel Edwards', 132),

('Camila Foster', 133),

('Kai Cooper', 134),

('Ivy Bryant', 135),

('Ezra Patterson', 136),

('Gabriella Barnes', 137),

('Maverick Jenkins', 138),

('Aaliyah Diaz', 139),

('Eli Sanders', 140),

('Athena Parker', 141),

('Micah Foster', 142),

('Juliana Evans', 143),

('Rhett Henderson', 144),

('Isla Gray', 145),

('Dean Watson', 146),

('Valentina Morris', 147),

('Rhys Perry', 148),

('Genevieve Reed', 149),

('Tobias Ross', 150),

('Makayla Rivera', 151),

('Cole James', 152),

('Lena Cook', 153),

('August Coleman', 154),

('Alana Turner', 155),

('Beckett Ward', 156),

('Paris Hill', 157),

('Ronan Ortiz', 158),

('Cora Hayes', 159),

('Kingston Simmons', 160),

('Raegan Washington', 161),

('Simon Butler', 162),

('Lilah Edwards', 163),

('Daxton Foster', 164),

('Gemma Cooper', 165),

('Lukas Bryant', 166),

('June Patterson', 167),

('Wesley Barnes', 168),

('Emersyn Jenkins', 169),

('Archer Diaz', 170),

('Alessandra Sanders', 171),

('Jude Parker', 172),

('Daniela Foster', 173),

('Zander Evans', 174),

('Presley Henderson', 175),

('Clark Gray', 176),

('Skyler Watson', 177),

('Anastasia Morris', 178),

('Milo Perry', 179),

('Nora Reed', 180),

('Enzo Ross', 181),

('Alayna Rivera', 182),

('Phoenix James', 183),

('Ember Cook', 184),

('Rhett Coleman', 185),

('Jolie Turner', 186),

('Knox Ward', 187),

('Ayla Hill', 188),

('Rhys Ortiz', 189),

('Brielle Hayes', 190),

('Jett Simmons', 191),

('Malia Washington', 192),

('Beau Butler', 193),

('Evangeline Edwards', 194),

('Cohen Foster', 195),

('Camille Cooper', 196),

('Kameron Bryant', 197),

('Arianna Patterson', 198),

('Dominick Barnes', 199),

('Freya Jenkins', 200);

## 4th Table description And Their Data

* CREATE TABLE Mental\_Health\_Scores (

assessment\_id INT PRIMARY KEY auto\_increment, student\_id INT,

assessment\_date DATE, anxiety\_score INT, depression\_score INT, stress\_score INT,

FOREIGN KEY (student\_id) REFERENCES Students(student\_id)

);

##### #Inserting Table Data OF Mental\_Health\_Scores

INSERT INTO Mental\_Health\_Scores (student\_id, assessment\_date, anxiety\_score, depression\_score, stress\_score) VALUES

(1,'2023-01-01', 20, 15, 25),

(2, '2023-01-02', 18, 12, 22),

(3, '2023-01-03', 22, 17, 28),

(4, '2023-01-04', 16, 14, 20),

(5, '2023-01-05', 24, 19, 30),

(6, '2023-01-06', 19, 13, 23),

(7, '2023-01-07', 21, 16, 26),

(8, '2023-01-08', 17, 11, 21),

(9, '2023-01-09', 23, 18, 29),

(10, '2023-01-10', 15, 12, 20),

(11, '2023-01-11', 25, 20, 32),

(12, '2023-01-12', 20, 15, 25),

(13, '2023-01-13', 18, 12, 22),

(14, '2023-01-14', 22, 17, 28),

(15, '2023-01-15', 16, 14, 20),

(16, '2023-01-16', 24, 19, 30),

(17, '2023-01-17', 19, 13, 23),

(18, '2023-01-18', 21, 16, 26),

(19, '2023-01-19', 17, 11, 21),

(20, '2023-01-20', 23, 18, 29),

(21, '2023-01-21', 15, 12, 20),

(22, '2023-01-22', 25, 20, 32),

(23, '2023-01-23', 20, 15, 25),

(24, '2023-01-24', 18, 12, 22),

(25, '2023-01-25', 22, 17, 28),

(26, '2023-01-26', 16, 14, 20),

(27, '2023-01-27', 24, 19, 30),

(28, '2023-01-28', 19, 13, 23),

(29, '2023-01-29', 21, 16, 26),

(30, '2023-01-30', 17, 11, 21),

(31, '2023-01-31', 23, 18, 29),

(32, '2023-02-01', 15, 12, 20),

(33, '2023-02-02', 25, 20, 32),

(34, '2023-02-03', 20, 15, 25),

(35, '2023-02-04', 18, 12, 22),

(36, '2023-02-05', 22, 17, 28),

(37, '2023-02-06', 16, 14, 20),

(38, '2023-02-07', 24, 19, 30),

(39, '2023-02-08', 19, 13, 23),

(40, '2023-02-09', 21, 16, 26),

(41, '2023-02-10', 17, 11, 21),

(42, '2023-02-11', 23, 18, 29),

(43, '2023-02-12', 15, 12, 20),

(44, '2023-02-13', 25, 20, 32),

(45, '2023-02-14', 20, 15, 25),

(46, '2023-02-15', 18, 12, 22),

(47, '2023-02-16', 22, 17, 28),

(48, '2023-02-17', 16, 14, 20),

(49, '2023-02-18', 24, 19, 30),

(50, '2023-02-19', 19, 13, 23),

(51, '2023-02-20', 21, 16, 26),

(52, '2023-02-21', 17, 11, 21),

(53, '2023-02-22', 23, 18, 29),

(54, '2023-02-23', 15, 12, 20),

(55, '2023-02-24', 25, 20, 32),

(56, '2023-02-25', 20, 15, 25),

(57, '2023-02-26', 18, 12, 22),

(58, '2023-02-27', 22, 17, 28),

(59, '2023-02-28', 16, 14, 20),

(60, '2023-03-01', 24, 19, 30),

(61, '2023-03-02', 19, 13, 23),

(62, '2023-03-03', 21, 16, 26),

(63, '2023-03-04', 17, 11, 21),

(64, '2023-03-05', 23, 18, 29),

(65, '2023-03-06', 15, 12, 20),

(66, '2023-03-07', 25, 20, 32),

(67, '2023-03-08', 20, 15, 25),

(68, '2023-03-09', 18, 12, 22),

(69, '2023-03-10', 22, 17, 28),

(70, '2023-03-11', 16, 14, 20),

(71, '2023-03-12', 24, 19, 30),

(72, '2023-03-13', 19, 13, 23),

(73, '2023-03-14', 21, 16, 26),

(74, '2023-03-15', 17, 11, 21),

(75, '2023-03-16', 23, 18, 29),

(76, '2023-03-17', 15, 12, 20),

(77, '2023-03-18', 25, 20, 32),

(78, '2023-03-19', 20, 15, 25),

(79, '2023-03-20', 18, 12, 22),

(80, '2023-03-21', 22, 17, 28),

(81, '2023-03-22', 16, 14, 20),

(82, '2023-03-23', 24, 19, 30),

(83, '2023-03-24', 19, 13, 23),

(84, '2023-03-25', 21, 16, 26),

(85, '2023-03-26', 17, 11, 21),

(86, '2023-03-27', 23, 18, 29),

(87, '2023-03-28', 15, 12, 20),

(88, '2023-03-29', 25, 20, 32),

(89, '2023-03-30', 20, 15, 25),

(90, '2023-03-31', 18, 12, 22),

(91, '2023-04-01', 22, 17, 28),

(92, '2023-04-02', 16, 14, 20),

(93, '2023-04-03', 24, 19, 30),

(94, '2023-04-04', 19, 13, 23),

(95, '2023-04-05', 21, 16, 26),

(96, '2023-04-06', 17, 11, 21),

(97, '2023-04-07', 23, 18, 29),

(98, '2023-04-08', 15, 12, 20),

(99, '2023-04-09', 25, 20, 32),

(100, '2023-04-10', 20, 15, 25),

(101, '2023-04-11', 18, 12, 22),

(102, '2023-04-12', 22, 17, 28),

(103, '2023-04-13', 16, 14, 20),

(104, '2023-04-14', 24, 19, 30),

(105, '2023-04-15', 19, 13, 23),

(106, '2023-04-16', 21, 16, 26),

(107, '2023-04-17', 17, 11, 21),

(108, '2023-04-18', 23, 18, 29),

(109, '2023-04-19', 15, 12, 20),

(110, '2023-04-20', 25, 20, 32),

(111, '2023-04-21', 20, 15, 25),

(112, '2023-04-22', 18, 12, 22),

(113, '2023-04-23', 22, 17, 28),

(114, '2023-04-24', 16, 14, 20),

(115, '2023-04-25', 24, 19, 30),

(116, '2023-04-26', 19, 13, 23),

(117, '2023-04-27', 21, 16, 26),

(118, '2023-04-28', 17, 11, 21),

(119, '2023-04-29', 23, 18, 29),

(120, '2023-04-30', 15, 12, 20),

(121, '2023-05-01', 25, 20, 32),

(122, '2023-05-02', 20, 15, 25),

(123, '2023-05-03', 18, 12, 22),

(124, '2023-05-04', 22, 17, 28),

(125, '2023-05-05', 16, 14, 20),

(126, '2023-05-06', 24, 19, 30),

(127, '2023-05-07', 19, 13, 23),

(128, '2023-05-08', 21, 16, 26),

(129, '2023-05-09', 17, 11, 21),

(130, '2023-05-10', 23, 18, 29),

(131, '2023-05-11', 15, 12, 20),

(132, '2023-05-12', 25, 20, 32),

(133, '2023-05-13', 20, 15, 25),

(134, '2023-05-14', 18, 12, 22),

(135, '2023-05-15', 22, 17, 28),

(136, '2023-05-16', 16, 14, 20),

(137, '2023-05-17', 24, 19, 30),

(138, '2023-05-18', 19, 13, 23),

(139, '2023-05-19', 21, 16, 26),

(140, '2023-05-20', 17, 11, 21),

(141, '2023-05-21', 23, 18, 29),

(142, '2023-05-22', 15, 12, 20),

(143, '2023-05-23', 25, 20, 32),

(144, '2023-05-24', 20, 15, 25),

(145, '2023-05-25', 18, 12, 22),

(146, '2023-05-26', 22, 17, 28),

(147, '2023-05-27', 16, 14, 20),

(148, '2023-05-28', 24, 19, 30),

(149, '2023-05-29', 19, 13, 23),

(150, '2023-05-30', 21, 16, 26),

(151, '2023-05-31', 17, 11, 21),

(152, '2023-06-01', 23, 18, 29),

(153, '2023-06-02', 15, 12, 20),

(154, '2023-06-03', 25, 20, 32),

(155, '2023-06-04', 20, 15, 25),

(156, '2023-06-05', 18, 12, 22),

(157, '2023-06-06', 22, 17, 28),

(158, '2023-06-07', 16, 14, 20),

(159, '2023-06-08', 24, 19, 30),

(160, '2023-06-09', 19, 13, 23),

(161, '2023-06-10', 21, 16, 26),

(162, '2023-06-11', 17, 11, 21),

(163, '2023-06-12', 23, 18, 29),

(164, '2023-06-13', 15, 12, 20),

(165, '2023-06-14', 25, 20, 32),

(166, '2023-06-15', 20, 15, 25),

(167, '2023-06-16', 18, 12, 22),

(168, '2023-06-17', 22, 17, 28),

(169, '2023-06-18', 16, 14, 20),

(170, '2023-06-19', 24, 19, 30),

(171, '2023-06-20', 19, 13, 23),

(172, '2023-06-21', 21, 16, 26),

(173, '2023-06-22', 17, 11, 21),

(174, '2023-06-23', 23, 18, 29),

(175, '2023-06-24', 15, 12, 20),

(176, '2023-06-25', 25, 20, 32),

(177, '2023-06-26', 20, 15, 25),

(178, '2023-06-27', 18, 12, 22),

(179, '2023-06-28', 22, 17, 28),

(180, '2023-06-29', 16, 14, 20),

(181, '2023-06-30', 24, 19, 30),

(182, '2023-07-01', 19, 13, 23),

(183, '2023-07-02', 21, 16, 26),

(184, '2023-07-03', 17, 11, 21),

(185, '2023-07-04', 23, 18, 29),

(186, '2023-07-05', 15, 12, 20),

(187, '2023-07-06', 25, 20, 32),

(188, '2023-07-07', 20, 15, 25),

(189, '2023-07-08', 18, 12, 22),

(190, '2023-07-09', 22, 17, 28),

(191, '2023-07-10', 16, 14, 20),

(192, '2023-07-11', 24, 19, 30),

(193, '2023-07-12', 19, 13, 23),

(194, '2023-07-13', 21, 16, 26),

(195, '2023-07-14', 17, 11, 21),

(196, '2023-07-15', 23, 18, 29),

(197, '2023-07-16', 15, 12, 20),

(198, '2023-07-17', 25, 20, 32),

(199, '2023-07-18', 20, 15, 25),

(200, '2023-07-19', 18, 12, 22);

## 5th Table Description And Their Data

* CREATE TABLE Appointments (

appointment\_id INT PRIMARY KEY auto\_increment, student\_id INT,

counselor\_id INT, appointment\_date DATE , purpose VARCHAR(255), notes TEXT,

FOREIGN KEY (student\_id) REFERENCES Students(student\_id), FOREIGN KEY (counselor\_id) REFERENCES Counselors(counselor\_id)

);

##### #Inserting Table Data Of Appointments

INSERT INTO Appointments (student\_id, counselor\_id, appointment\_date, purpose, notes) VALUES

(1, 1, '2024-05-01', 'Academic planning', 'Mapped out courses for the next academic year.'), (2, 2, '2024-05-02', 'Career counseling', 'Explored potential career paths and interests.'),

(3, 3, '2024-05-03', 'Emotional support', 'Provided counseling for managing stress and emotions.'),

(4, 4, '2024-05-04', 'Study strategies', 'Provided tips for effective study techniques and time management.'), (5, 5, '2024-05-05', 'Personal development', 'Worked on building self-esteem and resilience.'),

(6, 6, '2024-05-06', 'Academic progress review', 'Reviewed student\'s academic performance and goals.'), (7, 7, '2024-05-07', 'Career exploration', 'Explored various career options and industries.'),

(8, 8, '2024-05-08', 'Stress management', 'Shared techniques for managing stress and maintaining balance.'), (9, 9, '2024-05-09', 'College applications', 'Assisted with college application essays and materials.'),

(10, 10, '2024-05-10', 'Personal growth', 'Discussed personal strengths and areas for development.'), (11, 11, '2024-05-11', 'Academic planning', 'Mapped out courses for the next academic semester.'), (12, 12, '2024-05-12', 'Career counseling', 'Explored potential career paths and interests.'),

(13, 13, '2024-05-13', 'Emotional support', 'Provided a supportive environment for student concerns.'), (14, 14, '2024-05-14', 'Study strategies', 'Provided strategies for improving study habits and focus.'), (15, 15, '2024-05-15', 'Personal development', 'Worked on building self-confidence and assertiveness.'),

(16, 16, '2024-05-16', 'Academic progress review', 'Reviewed student\'s academic performance and goals.'), (17, 17, '2024-05-17', 'Career exploration', 'Explored various career options and industries.'),

(18, 18, '2024-05-18', 'Stress management', 'Shared techniques for managing stress and maintaining balance.'), (19, 19, '2024-05-19', 'College applications', 'Assisted with college application essays and materials.'),

(20, 20, '2024-05-20', 'Personal growth', 'Discussed personal goals and aspirations.'),

(21, 21, '2024-05-21', 'Academic planning', 'Mapped out courses for the next academic year.'), (22, 22, '2024-05-22', 'Career counseling', 'Explored potential career paths and interests.'),

(23, 23, '2024-05-23', 'Emotional support', 'Provided counseling for managing stress and emotions.'),

(24, 24, '2024-05-24', 'Study strategies', 'Provided tips for effective study techniques and time management.'), (25, 25, '2024-05-25', 'Personal development', 'Worked on building self-esteem and resilience.'),

(26, 26, '2024-05-26', 'Academic progress review', 'Reviewed student\'s academic performance and goals.'), (27, 27, '2024-05-27', 'Career exploration', 'Explored various career options and industries.'),

(28, 28, '2024-05-28', 'Stress management', 'Shared techniques for managing stress and maintaining balance.'), (29, 29, '2024-05-29', 'College applications', 'Assisted with college application essays and materials.'),

(30, 30, '2024-05-30', 'Personal growth', 'Discussed personal strengths and areas for development.'), (31, 31, '2024-05-31', 'Academic planning', 'Mapped out courses for the next academic semester.'), (32, 32, '2024-06-01', 'Career counseling', 'Explored potential career paths and interests.'),

(33, 33, '2024-06-02', 'Emotional support', 'Provided a supportive environment for student concerns.'), (34, 34, '2024-06-03', 'Study strategies', 'Provided strategies for improving study habits and focus.'), (35, 35, '2024-06-04', 'Personal development', 'Worked on building self-confidence and assertiveness.'),

(36, 36, '2024-06-05', 'Academic progress review', 'Reviewed student\'s academic performance and goals.'), (37, 37, '2024-06-06', 'Career exploration', 'Explored various career options and industries.'),

(38, 38, '2024-06-07', 'Stress management', 'Shared techniques for managing stress and maintaining balance.'), (39, 39, '2024-06-08', 'College applications', 'Assisted with college application essays and materials.'),

(40, 40, '2024-06-09', 'Personal growth', 'Discussed personal goals and aspirations.'),

(41, 41, '2024-06-10', 'Academic planning', 'Mapped out courses for the next academic year.'), (42, 42, '2024-06-11', 'Career counseling', 'Explored potential career paths and interests.'),

(43, 43, '2024-06-12', 'Emotional support', 'Provided counseling for managing stress and emotions.'),

(44, 44, '2024-06-13', 'Study strategies', 'Provided tips for effective study techniques and time management.'), (45, 45, '2024-06-14', 'Personal development', 'Worked on building self-esteem and resilience.'),

(46, 46, '2024-06-15', 'Academic progress review', 'Reviewed student\'s academic performance and goals.'), (47, 47, '2024-06-16', 'Career exploration', 'Explored various career options and industries.'),

(48, 48, '2024-06-17', 'Stress management', 'Shared techniques for managing stress and maintaining balance.'), (49, 49, '2024-06-18', 'College applications', 'Assisted with college application essays and materials.'),

(50, 50, '2024-06-19', 'Personal growth', 'Discussed personal strengths and areas for development.'), (51, 51, '2024-06-20', 'Academic planning', 'Mapped out courses for the next academic semester.'), (52, 52, '2024-06-21', 'Career counseling', 'Explored potential career paths and interests.'),

(53, 53, '2024-06-22', 'Emotional support', 'Provided a supportive environment for student concerns.'), (54, 54, '2024-06-23', 'Study strategies', 'Provided strategies for improving study habits and focus.'), (55, 55, '2024-06-24', 'Personal development', 'Worked on building self-confidence and assertiveness.'),

(56, 56, '2024-06-25', 'Academic progress review', 'Reviewed student\'s academic performance and goals.'),

(57, 57, '2024-06-26', 'Career exploration', 'Explored various career options and industries.'),

(58, 58, '2024-06-27', 'Stress management', 'Shared techniques for managing stress and maintaining balance.'), (59, 59, '2024-06-28', 'College applications', 'Assisted with college application essays and materials.'),

(60, 60, '2024-06-29', 'Personal growth', 'Discussed personal goals and aspirations.'),

(61, 61, '2024-06-30', 'Academic planning', 'Mapped out courses for the next academic year.'), (62, 62, '2024-07-01', 'Career counseling', 'Explored potential career paths and interests.'),

(63, 63, '2024-07-02', 'Emotional support', 'Provided counseling for managing stress and emotions.'),

(64, 64, '2024-07-03', 'Study strategies', 'Provided tips for effective study techniques and time management.'), (65, 65, '2024-07-04', 'Personal development', 'Worked on building self-esteem and resilience.'),

(66, 66, '2024-07-05', 'Academic progress review', 'Reviewed student\'s academic performance and goals.'), (67, 67, '2024-07-06', 'Career exploration', 'Explored various career options and industries.'),

(68, 68, '2024-07-07', 'Stress management', 'Shared techniques for managing stress and maintaining balance.'), (69, 69, '2024-07-08', 'College applications', 'Assisted with college application essays and materials.'),

(70, 70, '2024-07-09', 'Personal growth', 'Discussed personal strengths and areas for development.'), (71, 71, '2024-07-10', 'Academic planning', 'Mapped out courses for the next academic semester.'), (72, 72, '2024-07-11', 'Career counseling', 'Explored potential career paths and interests.'),

(73, 73, '2024-07-12', 'Emotional support', 'Provided a supportive environment for student concerns.'), (74, 74, '2024-07-13', 'Study strategies', 'Provided strategies for improving study habits and focus.'), (75, 75, '2024-07-14', 'Personal development', 'Worked on building self-confidence and assertiveness.'),

(76, 76, '2024-07-15', 'Academic progress review', 'Reviewed student\'s academic performance and goals.'), (77, 77, '2024-07-16', 'Career exploration', 'Explored various career options and industries.'),

(78, 78, '2024-07-17', 'Stress management', 'Shared techniques for managing stress and maintaining balance.'), (79, 79, '2024-07-18', 'College applications', 'Assisted with college application essays and materials.'),

(80, 80, '2024-07-19', 'Personal growth', 'Discussed personal goals and aspirations.'),

(81, 81, '2024-07-20', 'Academic planning', 'Mapped out courses for the next academic year.'), (82, 82, '2024-07-21', 'Career counseling', 'Explored potential career paths and interests.'),

(83, 83, '2024-07-22', 'Emotional support', 'Provided counseling for managing stress and emotions.'),

(84, 84, '2024-07-23', 'Study strategies', 'Provided tips for effective study techniques and time management.'), (85, 85, '2024-07-24', 'Personal development', 'Worked on building self-esteem and resilience.'),

(86, 86, '2024-07-25', 'Academic progress review', 'Reviewed student\'s academic performance and goals.'), (87, 87, '2024-07-26', 'Career exploration', 'Explored various career options and industries.'),

(88, 88, '2024-07-27', 'Stress management', 'Shared techniques for managing stress and maintaining balance.'), (89, 89, '2024-07-28', 'College applications', 'Assisted with college application essays and materials.'),

(90, 90, '2024-07-29', 'Personal growth', 'Discussed personal strengths and areas for development.'), (91, 91, '2024-07-30', 'Academic planning', 'Mapped out courses for the next academic semester.'), (92, 92, '2024-07-31', 'Career counseling', 'Explored potential career paths and interests.'),

(93, 93, '2024-08-01', 'Emotional support', 'Provided a supportive environment for student concerns.'), (94, 94, '2024-08-02', 'Study strategies', 'Provided strategies for improving study habits and focus.'), (95, 95, '2024-08-03', 'Personal development', 'Worked on building self-confidence and assertiveness.'),

(96, 96, '2024-08-04', 'Academic progress review', 'Reviewed student\'s academic performance and goals.'), (97, 97, '2024-08-05', 'Career exploration', 'Explored various career options and industries.'),

(98, 98, '2024-08-06', 'Stress management', 'Shared techniques for managing stress and maintaining balance.'), (99, 99, '2024-08-07', 'College applications', 'Assisted with college application essays and materials.'),

(100, 100, '2024-08-08', 'Personal growth', 'Discussed personal goals and aspirations.'),

(101, 101, '2024-08-09', 'Academic planning', 'Mapped out courses for the next academic year.'), (102, 102, '2024-08-10', 'Career counseling', 'Explored potential career paths and interests.'),

(103, 103, '2024-08-11', 'Emotional support', 'Provided counseling for managing stress and emotions.'),

(104, 104, '2024-08-12', 'Study strategies', 'Provided tips for effective study techniques and time management.'), (105, 105, '2024-08-13', 'Personal development', 'Worked on building self-esteem and resilience.'),

(106, 106, '2024-08-14', 'Academic progress review', 'Reviewed student\'s academic performance and goals.'), (107, 107, '2024-08-15', 'Career exploration', 'Explored various career options and industries.'),

(108, 108, '2024-08-16', 'Stress management', 'Shared techniques for managing stress and maintaining balance.'), (109, 109, '2024-08-17', 'College applications', 'Assisted with college application essays and materials.'),

(110, 110, '2024-08-18', 'Personal growth', 'Discussed personal strengths and areas for development.'), (111, 111, '2024-08-19', 'Academic planning', 'Mapped out courses for the next academic semester.'), (112, 112, '2024-08-20', 'Career counseling', 'Explored potential career paths and interests.'),

(113, 113, '2024-08-21', 'Emotional support', 'Provided a supportive environment for student concerns.'), (114, 114, '2024-08-22', 'Study strategies', 'Provided strategies for improving study habits and focus.'), (115, 115, '2024-08-23', 'Personal development', 'Worked on building self-confidence and assertiveness.'),

(116, 116, '2024-08-24', 'Academic progress review', 'Reviewed student\'s academic performance and goals.'), (117, 117, '2024-08-25', 'Career exploration', 'Explored various career options and industries.'),

(118, 118, '2024-08-26', 'Stress management', 'Shared techniques for managing stress and maintaining balance.'), (119, 119, '2024-08-27', 'College applications', 'Assisted with college application essays and materials.'),

(120, 120, '2024-08-28', 'Personal growth', 'Discussed personal goals and aspirations.'),

(121, 121, '2024-08-29', 'Academic planning', 'Mapped out courses for the next academic year.'), (122, 122, '2024-08-30', 'Career counseling', 'Explored potential career paths and interests.'),

(123, 123, '2024-08-31', 'Emotional support', 'Provided counseling for managing stress and emotions.'),

(124, 124, '2024-09-01', 'Study strategies', 'Provided tips for effective study techniques and time management.'), (125, 125, '2024-09-02', 'Personal development', 'Worked on building self-esteem and resilience.'),

(126, 126, '2024-09-03', 'Academic progress review', 'Reviewed student\'s academic performance and goals.'), (127, 127, '2024-09-04', 'Career exploration', 'Explored various career options and industries.'),

(128, 128, '2024-09-05', 'Stress management', 'Shared techniques for managing stress and maintaining balance.'), (129, 129, '2024-09-06', 'College applications', 'Assisted with college application essays and materials.'),

(130, 130, '2024-09-07', 'Personal growth', 'Discussed personal strengths and areas for development.'), (131, 131, '2024-09-08', 'Academic planning', 'Mapped out courses for the next academic semester.'), (132, 132, '2024-09-09', 'Career counseling', 'Explored potential career paths and interests.'),

(133, 133, '2024-09-10', 'Emotional support', 'Provided a supportive environment for student concerns.'), (134, 134, '2024-09-11', 'Study strategies', 'Provided strategies for improving study habits and focus.'), (135, 135, '2024-09-12', 'Personal development', 'Worked on building self-confidence and assertiveness.'),

(136, 136, '2024-09-13', 'Academic progress review', 'Reviewed student\'s academic performance and goals.'), (137, 137, '2024-09-14', 'Career exploration', 'Explored various career options and industries.'),

(138, 138, '2024-09-15', 'Stress management', 'Shared techniques for managing stress and maintaining balance.'), (139, 139, '2024-09-16', 'College applications', 'Assisted with college application essays and materials.'),

(140, 140, '2024-09-17', 'Personal growth', 'Discussed personal goals and aspirations.'),

(141, 141, '2024-09-18', 'Academic planning', 'Mapped out courses for the next academic year.'), (142, 142, '2024-09-19', 'Career counseling', 'Explored potential career paths and interests.'),

(143, 143, '2024-09-20', 'Emotional support', 'Provided counseling for managing stress and emotions.'),

(144, 144, '2024-09-21', 'Study strategies', 'Provided tips for effective study techniques and time management.'), (145, 145, '2024-09-22', 'Personal development', 'Worked on building self-esteem and resilience.'),

(146, 146, '2024-09-23', 'Academic progress review', 'Reviewed student\'s academic performance and goals.'), (147, 147, '2024-09-24', 'Career exploration', 'Explored various career options and industries.'),

(148, 148, '2024-09-25', 'Stress management', 'Shared techniques for managing stress and maintaining balance.'), (149, 149, '2024-09-26', 'College applications', 'Assisted with college application essays and materials.'),

(150, 150, '2024-09-27', 'Personal growth', 'Discussed personal strengths and areas for development.'), (151, 151, '2024-09-28', 'Academic planning', 'Mapped out courses for the next academic semester.'), (152, 152, '2024-09-29', 'Career counseling', 'Explored potential career paths and interests.'),

(153, 153, '2024-09-30', 'Emotional support', 'Provided a supportive environment for student concerns.'), (154, 154, '2024-10-01', 'Study strategies', 'Provided strategies for improving study habits and focus.'), (155, 155, '2024-10-02', 'Personal development', 'Worked on building self-confidence and assertiveness.'),

(156, 156, '2024-10-03', 'Academic progress review', 'Reviewed student\'s academic performance and goals.'), (157, 157, '2024-10-04', 'Career exploration', 'Explored various career options and industries.'),

(158, 158, '2024-10-05', 'Stress management', 'Shared techniques for managing stress and maintaining balance.'), (159, 159, '2024-10-06', 'College applications', 'Assisted with college application essays and materials.'),

(160, 160, '2024-10-07', 'Personal growth', 'Discussed personal goals and aspirations.'),

(161, 161, '2024-10-08', 'Academic planning', 'Mapped out courses for the next academic year.'), (162, 162, '2024-10-09', 'Career counseling', 'Explored potential career paths and interests.'),

(163, 163, '2024-10-10', 'Emotional support', 'Provided counseling for managing stress and emotions.'),

(164, 164, '2024-10-11', 'Study strategies', 'Provided tips for effective study techniques and time management.'), (165, 165, '2024-10-12', 'Personal development', 'Worked on building self-esteem and resilience.'),

(166, 166, '2024-10-13', 'Academic progress review', 'Reviewed student\'s academic performance and goals.'), (167, 167, '2024-10-14', 'Career exploration', 'Explored various career options and industries.'),

(168, 168, '2024-10-15', 'Stress management', 'Shared techniques for managing stress and maintaining balance.'), (169, 169, '2024-10-16', 'College applications', 'Assisted with college application essays and materials.'),

(170, 170, '2024-10-17', 'Personal growth', 'Discussed personal strengths and areas for development.'), (171, 171, '2024-10-18', 'Academic planning', 'Mapped out courses for the next academic semester.'), (172, 172, '2024-10-19', 'Career counseling', 'Explored potential career paths and interests.'),

(173, 173, '2024-10-20', 'Emotional support', 'Provided a supportive environment for student concerns.'), (174, 174, '2024-10-21', 'Study strategies', 'Provided strategies for improving study habits and focus.'), (175, 175, '2024-10-22', 'Personal development', 'Worked on building self-confidence and assertiveness.'),

(176, 176, '2024-10-23', 'Academic progress review', 'Reviewed student\'s academic performance and goals.'), (177, 177, '2024-10-24', 'Career exploration', 'Explored various career options and industries.'),

(178, 178, '2024-10-25', 'Stress management', 'Shared techniques for managing stress and maintaining balance.'), (179, 179, '2024-10-26', 'College applications', 'Assisted with college application essays and materials.'),

(180, 180, '2024-10-27', 'Personal growth', 'Discussed personal goals and aspirations.'),

(181, 181, '2024-10-28', 'Academic planning', 'Mapped out courses for the next academic year.'), (182, 182, '2024-10-29', 'Career counseling', 'Explored potential career paths and interests.'),

(183, 183, '2024-10-30', 'Emotional support', 'Provided counseling for managing stress and emotions.'),

(184, 184, '2024-10-31', 'Study strategies', 'Provided tips for effective study techniques and time management.'), (185, 185, '2024-11-01', 'Personal development', 'Worked on building self-esteem and resilience.'),

(186, 186, '2024-11-02', 'Academic progress review', 'Reviewed student\'s academic performance and goals.'), (187, 187, '2024-11-03', 'Career exploration', 'Explored various career options and industries.'),

(188, 188, '2024-11-04', 'Stress management', 'Shared techniques for managing stress and maintaining balance.'), (189, 189, '2024-11-05', 'College applications', 'Assisted with college application essays and materials.'),

(190, 190, '2024-11-06', 'Personal growth', 'Discussed personal strengths and areas for development.'), (191, 191, '2024-11-07', 'Academic planning', 'Mapped out courses for the next academic semester.'), (192, 192, '2024-11-08', 'Career counseling', 'Explored potential career paths and interests.'),

(193, 193, '2024-11-09', 'Emotional support', 'Provided a supportive environment for student concerns.'), (194, 194, '2024-11-10', 'Study strategies', 'Provided strategies for improving study habits and focus.'), (195, 195, '2024-11-11', 'Personal development', 'Worked on building self-confidence and assertiveness.'),

(196, 196, '2024-11-12', 'Academic progress review', 'Reviewed student\'s academic performance and goals.'), (197, 197, '2024-11-13', 'Career exploration', 'Explored various career options and industries.'),

(198, 198, '2024-11-14', 'Stress management', 'Shared techniques for managing stress and maintaining balance.'), (199, 199, '2024-11-15', 'College applications', 'Assisted with college application essays and materials.'),

(200, 200, '2024-11-16', 'Personal growth', 'Discussed personal goals and aspirations.');

### subqueries

**List all appointments with student and counselor details:**

1.

* SELECT Appointments.appointment\_id, Students.student\_name, Counselors.counselor\_name, Appointments.appointment\_date

FROM Appointments, Students, Counselors

WHERE Appointments.student\_id = Students.student\_id AND Appointments.counselor\_id = Counselors.counselor\_id;

|  |  |  |  |
| --- | --- | --- | --- |
| Appointement id | Student name | Counselear name | appointmentdate |
| 1 | John Smith | Alice Johnson | 2024-05-01 |
| 2 | Emily Johnson | Bob Smith | 2024-05-02 |
| 3 | Michael Williams | Emily Davis | 2024-05-03 |
| 4 | Emma Jones | Michael Wilson | 2024-05-04 |
| 5 | James Brown | Olivia Brown | 2024-05-05 |
| 6 | Olivia Davis | David Miller | 2024-05-06 |
| 7 | William Miller | Sophia Taylor | 2024-05-07 |
| 8 | Sophia Wilson | Daniel Anderson | 2024-05-08 |
| 9 | Alexander Taylor | Ava Thomas | 2024-05-09 |
| 10 | Isabella Anderson | James Martinez | 2024-05-10 |
| 11 | Daniel Martinez | Charlotte Hernandez | 2024-05-11 |
| 12 | Mia Hernandez | William Young | 2024-05-12 |
| 13 | David Lopez | Amelia White | 2024-05-13 |
| 14 | Charlotte Gonzalez | Benjamin Lopez | 2024-05-14 |
| 15 | Ethan Perez | Mia Adams | 2024-05-15 |
| 16 | Amelia Smith | Ethan Lee | 2024-05-16 |
| 17 | Joseph Johnson | Harper Gonzalez | 2024-05-17 |
| 18 | Abigail Williams | Alexander Nelson | 2024-05-18 |
| 19 | Andrew Jones | Evelyn Hall | 2024-05-19 |
| 20 | Samantha Brown | Jacob Allen | 2024-05-20 |
| 21 | Benjamin Davis | Ella Garcia | 2024-05-21 |
| 22 | Elizabeth Miller | Michael Wright | 2024-05-22 |
| 23 | Christopher Wilson | Abigail King | 2024-05-23 |
| 24 | Avery Taylor | Daniel Lewis | 2024-05-24 |
| 25 | Victoria Anderson | Elizabeth Scott | 2024-05-25 |
| 26 | Gabriel Martinez | Matthew Baker | 2024-05-26 |
| 27 | Madison Hernandez | Sofia Perez | 2024-05-27 |
| 28 | Jackson Lopez | Andrew Cook | 2024-05-28 |
| 29 | Samuel Gonzalez | Avery Hall | 2024-05-29 |
| 30 | Penelope Perez | Joseph Carter | 2024-05-30 |
| 31 | Liam Smith | Victoria Hill | 2024-05-31 |
| 32 | Aria Johnson | Joshua Perez | 2024-06-01 |
| 33 | Lucas Williams | Madison Kelly | 2024-06-02 |
| 34 | Grace Jones | Christopher Wright | 2024-06-03 |
| 35 | Elijah Brown | Scarlett James | 2024-06-04 |
| 36 | Chloe Davis | Anthony Torres | 2024-06-05 |
| 37 | Ryan Miller | Grace Long | 2024-06-06 |
| 38 | Addison Wilson | Dylan Nguyen | 2024-06-07 |
| 39 | Landon Jones | Chloe Morris | 2024-06-08 |
| 40 | Natalie Smith | Ryan Brown | 2024-06-09 |
| 41 | Brayden Johnson | Zoey Rivera | 2024-06-10 |
| 42 | Lily Williams | Nathan Foster | 2024-06-11 |
| 43 | Nicholas Jones | Hannah Collins | 2024-06-12 |
| 44 | Aubrey Brown | Justin Bennett | 2024-06-13 |
| 45 | Levi Davis | Aria Murphy | 2024-06-14 |
| 46 | Hannah Miller | Kevin Richardson | 2024-06-15 |
| 47 | Evan Wilson | Addison Cooper | 2024-06-16 |
| 48 | Zoe Jones | Brandon Bailey | 2024-06-17 |
| 49 | Connor Smith | Lily Ross | 2024-06-18 |

|  |  |  |  |
| --- | --- | --- | --- |
| 50 | Scarlett Johnson | Samuel Wood | 2024-06-19 |
| 51 | Isaac Williams | Natalie Reed | 2024-06-20 |
| 52 | Brooklyn Davis | Gabriel Ward | 2024-06-21 |
| 53 | Luke Miller | Samantha Bell | 2024-06-22 |
| 54 | Madelyn Wilson | Logan Jenkins | 2024-06-23 |
| 55 | Henry Jones | Leah Brooks | 2024-06-24 |
| 56 | Paisley Brown | Nicholas Coleman | 2024-06-25 |
| 57 | Owen Davis | Audrey Perry | 2024-06-26 |
| 58 | Arianna Miller | John Ramirez | 2024-06-27 |
| 59 | Carter Wilson | Alyssa Price | 2024-06-28 |
| 60 | Kennedy Jones | Isaac Hayes | 2024-06-29 |
| 61 | Wyatt Smith | Eleanor Martinez | 2024-06-30 |
| 62 | Taylor Johnson | Carter Hughes | 2024-07-01 |
| 63 | Nora Williams | Lillian Ortiz | 2024-07-02 |
| 64 | Easton Davis | David West | 2024-07-03 |
| 65 | Aurora Miller | Violet Henderson | 2024-07-04 |
| 66 | Eliana Wilson | Tyler Green | 2024-07-05 |
| 67 | Adam Jones | Aubrey Simmons | 2024-07-06 |
| 68 | Leah Brown | Caleb Washington | 2024-07-07 |
| 69 | Hudson Davis | Claire Butler | 2024-07-08 |
| 70 | Stella Miller | Isaiah Edwards | 2024-07-09 |
| 71 | Cameron Wilson | Stella Cooper | 2024-07-10 |
| 72 | Lillian Jones | Owen Baker | 2024-07-11 |
| 73 | Axel Smith | Maya Bryant | 2024-07-12 |
| 74 | Kylie Johnson | Elijah Patterson | 2024-07-13 |
| 75 | Gabriella Williams | Lucy Barnes | 2024-07-14 |
| 76 | Colton Davis | Julian Jenkins | 2024-07-15 |
| 77 | Juliana Miller | Paisley Diaz | 2024-07-16 |
| 78 | Juan Wilson | Gavin Sanders | 2024-07-17 |
| 79 | Thomas Jones | Brooklyn Parker | 2024-07-18 |
| 80 | Riley Brown | Jackson Foster | 2024-07-19 |
| 81 | Bryce Davis | Layla Evans | 2024-07-20 |
| 82 | Adeline Miller | Dominic Henderson | 2024-07-21 |
| 83 | Antonio Wilson | Brooklyn Gray | 2024-07-22 |
| 84 | Elena Jones | Jaxon Watson | 2024-07-23 |
| 85 | Victor Smith | Aurora Morris | 2024-07-24 |
| 86 | Alexa Johnson | Christian Perry | 2024-07-25 |
| 87 | Clayton Williams | Penelope Reed | 2024-07-26 |
| 88 | Savannah Davis | Brayden Ross | 2024-07-27 |
| 89 | Maxwell Miller | Ellie Rivera | 2024-07-28 |
| 90 | Nova Wilson | Hunter James | 2024-07-29 |
| 91 | Ryder Jones | Ariana Cook | 2024-07-30 |
| 92 | Aaliyah Brown | Grayson Coleman | 2024-07-31 |
| 93 | Bennett Davis | Naomi Turner | 2024-08-01 |
| 94 | Allison Miller | Cameron Ward | 2024-08-02 |
| 95 | Peter Wilson | Autumn Hill | 2024-08-03 |
| 96 | Violet Jones | Levi Ortiz | 2024-08-04 |
| 97 | Caleb Smith | Bella Hayes | 2024-08-05 |
| 98 | Camila Johnson | Xavier Simmons | 2024-08-06 |
| 99 | Maverick Williams | Mila Washington | 2024-08-07 |
| 100 | Hazel Davis | Leo Butler | 2024-08-08 |
| 101 | Jackson Miller | Nova Edwards | 2024-08-09 |
| 102 | Gianna Wilson | Gabriel Foster | 2024-08-10 |
| 103 | Mateo Jones | Eva Cooper | 2024-08-11 |
| 104 | Luna Brown | Josiah Bryant | 2024-08-12 |
| 105 | Isaiah Davis | Willow Patterson | 2024-08-13 |
| 106 | Eleanor Miller | Henry Barnes | 2024-08-14 |
| 107 | Leonardo Wilson | Luna Jenkins | 2024-08-15 |
| 108 | Adalyn Jones | Hudson Diaz | 2024-08-16 |
| 109 | Jayden Smith | Zoe Sanders | 2024-08-17 |
| 110 | Faith Johnson | Mateo Parker | 2024-08-18 |
| 111 | Hunter Williams | Gianna Foster | 2024-08-19 |

|  |  |  |  |
| --- | --- | --- | --- |
| 112 | Thea Brown | Elias Evans | 2024-08-20 |
| 113 | Jeremiah Davis | Kinsley Henderson | 2024-08-21 |
| 114 | Isla Miller | Jace Gray | 2024-08-22 |
| 115 | Jonathan Wilson | Savannah Watson | 2024-08-23 |
| 116 | Summer Jones | Asher Morris | 2024-08-24 |
| 117 | Dominic Smith | Elliana Perry | 2024-08-25 |
| 118 | Mila Johnson | Roman Reed | 2024-08-26 |
| 119 | Grayson Williams | Clara Ross | 2024-08-27 |
| 120 | Layla Brown | Xander Rivera | 2024-08-28 |
| 121 | Asher Davis | Fatima James | 2024-08-29 |
| 122 | Emery Miller | Axel Cook | 2024-08-30 |
| 123 | Julian Wilson | Molly Coleman | 2024-08-31 |
| 124 | Zoey Jones | Jaxon Turner | 2024-09-01 |
| 125 | Charlie Smith | Adeline Ward | 2024-09-02 |
| 126 | Harper Johnson | Damian Hill | 2024-09-03 |
| 127 | Josiah Williams | Joseph Ortiz | 2024-09-04 |
| 128 | Naomi Brown | Delilah Hayes | 2024-09-05 |
| 129 | Aaron Davis | Harrison Simmons | 2024-09-06 |
| 130 | Lydia Miller | Avery Washington | 2024-09-07 |
| 131 | Bentley Wilson | Sophie Butler | 2024-09-08 |
| 132 | Piper Jones | Ezekiel Edwards | 2024-09-09 |
| 133 | Xavier Smith | Camila Foster | 2024-09-10 |
| 134 | Nova Johnson | Kai Cooper | 2024-09-11 |
| 135 | Riley Williams | Ivy Bryant | 2024-09-12 |
| 136 | Liliana Brown | Ezra Patterson | 2024-09-13 |
| 137 | Jaxon Davis | Gabriella Barnes | 2024-09-14 |
| 138 | Sarah Miller | Maverick Jenkins | 2024-09-15 |
| 139 | Christian Wilson | Aaliyah Diaz | 2024-09-16 |
| 140 | Maria Jones | Eli Sanders | 2024-09-17 |
| 141 | Jace Smith | Athena Parker | 2024-09-18 |
| 142 | Lila Johnson | Micah Foster | 2024-09-19 |
| 143 | Adrian Williams | Juliana Evans | 2024-09-20 |
| 144 | Ivy Brown | Rhett Henderson | 2024-09-21 |
| 145 | Austin Davis | Isla Gray | 2024-09-22 |
| 146 | Daniella Miller | Dean Watson | 2024-09-23 |
| 147 | Jaxson Wilson | Valentina Morris | 2024-09-24 |
| 148 | Eliza Jones | Rhys Perry | 2024-09-25 |
| 149 | Cooper Smith | Genevieve Reed | 2024-09-26 |
| 150 | Mackenzie Johnson | Tobias Ross | 2024-09-27 |
| 151 | Nolan Williams | Makayla Rivera | 2024-09-28 |
| 152 | Raelynn Brown | Cole James | 2024-09-29 |
| 153 | Carson Davis | Lena Cook | 2024-09-30 |
| 154 | Isabel Miller | August Coleman | 2024-10-01 |
| 155 | Tristan Wilson | Alana Turner | 2024-10-02 |
| 156 | Juliette Jones | Beckett Ward | 2024-10-03 |
| 157 | Braxton Smith | Paris Hill | 2024-10-04 |
| 158 | Hope Johnson | Ronan Ortiz | 2024-10-05 |
| 159 | Kingston Williams | Cora Hayes | 2024-10-06 |
| 160 | Eliana Brown | Kingston Simmons | 2024-10-07 |
| 161 | Brody Davis | Raegan Washington | 2024-10-08 |
| 162 | Kinsley Miller | Simon Butler | 2024-10-09 |
| 163 | Travis Wilson | Lilah Edwards | 2024-10-10 |
| 164 | Genevieve Jones | Daxton Foster | 2024-10-11 |
| 165 | Finn Smith | Gemma Cooper | 2024-10-12 |
| 166 | Michelle Johnson | Lukas Bryant | 2024-10-13 |
| 167 | Ryker Williams | June Patterson | 2024-10-14 |
| 168 | Elise Brown | Wesley Barnes | 2024-10-15 |
| 169 | Oscar Davis | Emersyn Jenkins | 2024-10-16 |
| 170 | Delilah Miller | Archer Diaz | 2024-10-17 |
| 171 | Patrick Wilson | Alessandra Sanders | 2024-10-18 |
| 172 | Malia Jones | Jude Parker | 2024-10-19 |
| 173 | Miles Smith | Daniela Foster | 2024-10-20 |

|  |  |  |  |
| --- | --- | --- | --- |
| 174 | Angel Johnson | Zander Evans | 2024-10-21 |
| 175 | Karter Williams | Presley Henderson | 2024-10-22 |
| 176 | Lilah Brown | Clark Gray | 2024-10-23 |
| 177 | Emmett Davis | Skyler Watson | 2024-10-24 |
| 178 | Amara Miller | Anastasia Morris | 2024-10-25 |
| 179 | Beckett Wilson | Milo Perry | 2024-10-26 |
| 180 | Lila Jones | Nora Reed | 2024-10-27 |
| 181 | Dylan Smith | Enzo Ross | 2024-10-28 |
| 182 | Izabella Johnson | Alayna Rivera | 2024-10-29 |
| 183 | Andre Williams | Phoenix James | 2024-10-30 |
| 184 | Angelina Brown | Ember Cook | 2024-10-31 |
| 185 | Hayden Davis | Rhett Coleman | 2024-11-01 |
| 186 | Londyn Miller | Jolie Turner | 2024-11-02 |
| 187 | Felix Wilson | Knox Ward | 2024-11-03 |
| 188 | Lucy Jones | Ayla Hill | 2024-11-04 |
| 189 | Daxton Smith | Rhys Ortiz | 2024-11-05 |
| 190 | Jade Johnson | Brielle Hayes | 2024-11-06 |
| 191 | Brantley Williams | Jett Simmons | 2024-11-07 |
| 192 | Gabrielle Brown | Malia Washington | 2024-11-08 |
| 193 | Zachary Davis | Beau Butler | 2024-11-09 |
| 194 | Anastasia Miller | Evangeline Edwards | 2024-11-10 |
| 195 | Chance Wilson | Cohen Foster | 2024-11-11 |
| 196 | Maci Jones | Camille Cooper | 2024-11-12 |
| 197 | Wesley Smith | Kameron Bryant | 2024-11-13 |
| 198 | Rylee Johnson | Arianna Patterson | 2024-11-14 |
| 199 | Spencer Williams | Dominick Barnes | 2024-11-15 |
| 200 | Dayton Brown | Freya Jenkins | 2024-11-16 |

### subqueries

|  |  |  |  |
| --- | --- | --- | --- |
|  | 2. | **Count the number of appointments for each counselor:** |  |

* SELECT Counselors.counselor\_name, COUNT(\*) AS appointment\_count FROM Appointments, Counselors

WHERE Appointments.counselor\_id = Counselors.counselor\_id GROUP BY Counselors.counselor\_name;

|  |  |
| --- | --- |
| Counselor name | appointmentcount |
| Aaliyah Diaz | 1 |
| Abigail King | 1 |
| Addison Cooper | 1 |
| Adeline Ward | 1 |
| Alana Turner | 1 |
| Alayna Rivera | 1 |
| Alessandra Sanders | 1 |
| Alexander Nelson | 1 |
| Alice Johnson | 1 |
| Alyssa Price | 1 |
| Amelia White | 1 |
| Anastasia Morris | 1 |
| Andrew Cook | 1 |
| Anthony Torres | 1 |
| Archer Diaz | 1 |
| Aria Murphy | 1 |
| Ariana Cook | 1 |
| Arianna Patterson | 1 |
| Asher Morris | 1 |
| Athena Parker | 1 |
| Aubrey Simmons | 1 |

|  |  |
| --- | --- |
| Audrey Perry | 1 |
| August Coleman | 1 |
| Aurora Morris | 1 |
| Autumn Hill | 1 |
| Ava Thomas | 1 |
| Avery Hall | 1 |
| Avery Washington | 1 |
| Axel Cook | 1 |
| Ayla Hill | 1 |
| Beau Butler | 1 |
| Beckett Ward | 1 |
| Bella Hayes | 1 |
| Benjamin Lopez | 1 |
| Bob Smith | 1 |
| Brandon Bailey | 1 |
| Brayden Ross | 1 |
| Brielle Hayes | 1 |
| Brooklyn Gray | 1 |
| Brooklyn Parker | 1 |
| Caleb Washington | 1 |
| Cameron Ward | 1 |
| Camila Foster | 1 |
| Camille Cooper | 1 |
| Carter Hughes | 1 |
| Charlotte Hernandez | 1 |
| Chloe Morris | 1 |
| Christian Perry | 1 |
| Christopher Wright | 1 |
| Claire Butler | 1 |
| Clara Ross | 1 |
| Clark Gray | 1 |
| Cohen Foster | 1 |
| Cole James | 1 |
| Cora Hayes | 1 |
| Damian Hill | 1 |
| Daniel Anderson | 1 |
| Daniel Lewis | 1 |
| Daniela Foster | 1 |
| David Miller | 1 |
| David West | 1 |
| Daxton Foster | 1 |
| Dean Watson | 1 |
| Delilah Hayes | 1 |
| Dominic Henderson | 1 |
| Dominick Barnes | 1 |
| Dylan Nguyen | 1 |
| Eleanor Martinez | 1 |
| Eli Sanders | 1 |
| Elias Evans | 1 |
| Elijah Patterson | 1 |
| Elizabeth Scott | 1 |
| Ella Garcia | 1 |
| Elliana Perry | 1 |
| Ellie Rivera | 1 |
| Ember Cook | 1 |
| Emersyn Jenkins | 1 |
| Emily Davis | 1 |
| Enzo Ross | 1 |
| Ethan Lee | 1 |
| Eva Cooper | 1 |
| Evangeline Edwards | 1 |
| Evelyn Hall | 1 |

|  |  |
| --- | --- |
| Ezekiel Edwards | 1 |
| Ezra Patterson | 1 |
| Fatima James | 1 |
| Freya Jenkins | 1 |
| Gabriel Foster | 1 |
| Gabriel Ward | 1 |
| Gabriella Barnes | 1 |
| Gavin Sanders | 1 |
| Gemma Cooper | 1 |
| Genevieve Reed | 1 |
| Gianna Foster | 1 |
| Grace Long | 1 |
| Grayson Coleman | 1 |
| Hannah Collins | 1 |
| Harper Gonzalez | 1 |
| Harrison Simmons | 1 |
| Henry Barnes | 1 |
| Hudson Diaz | 1 |
| Hunter James | 1 |
| Isaac Hayes | 1 |
| Isaiah Edwards | 1 |
| Isla Gray | 1 |
| Ivy Bryant | 1 |
| Jace Gray | 1 |
| Jackson Foster | 1 |
| Jacob Allen | 1 |
| James Martinez | 1 |
| Jaxon Turner | 1 |
| Jaxon Watson | 1 |
| Jett Simmons | 1 |
| John Ramirez | 1 |
| Jolie Turner | 1 |
| Joseph Carter | 1 |
| Joseph Ortiz | 1 |
| Joshua Perez | 1 |
| Josiah Bryant | 1 |
| Jude Parker | 1 |
| Julian Jenkins | 1 |
| Juliana Evans | 1 |
| June Patterson | 1 |
| Justin Bennett | 1 |
| Kai Cooper | 1 |
| Kameron Bryant | 1 |
| Kevin Richardson | 1 |
| Kingston Simmons | 1 |
| Kinsley Henderson | 1 |
| Knox Ward | 1 |
| Layla Evans | 1 |
| Leah Brooks | 1 |
| Lena Cook | 1 |
| Leo Butler | 1 |
| Levi Ortiz | 1 |
| Lilah Edwards | 1 |
| Lillian Ortiz | 1 |
| Lily Ross | 1 |
| Logan Jenkins | 1 |
| Lucy Barnes | 1 |
| Lukas Bryant | 1 |
| Luna Jenkins | 1 |
| Madison Kelly | 1 |
| Makayla Rivera | 1 |
| Malia Washington | 1 |

|  |  |
| --- | --- |
| Mateo Parker | 1 |
| Matthew Baker | 1 |
| Maverick Jenkins | 1 |
| Maya Bryant | 1 |
| Mia Adams | 1 |
| Micah Foster | 1 |
| Michael Wilson | 1 |
| Michael Wright | 1 |
| Mila Washington | 1 |
| Milo Perry | 1 |
| Molly Coleman | 1 |
| Naomi Turner | 1 |
| Natalie Reed | 1 |
| Nathan Foster | 1 |
| Nicholas Coleman | 1 |
| Nora Reed | 1 |
| Nova Edwards | 1 |
| Olivia Brown | 1 |
| Owen Baker | 1 |
| Paisley Diaz | 1 |
| Paris Hill | 1 |
| Penelope Reed | 1 |
| Phoenix James | 1 |
| Presley Henderson | 1 |
| Raegan Washington | 1 |
| Rhett Coleman | 1 |
| Rhett Henderson | 1 |
| Rhys Ortiz | 1 |
| Rhys Perry | 1 |
| Roman Reed | 1 |
| Ronan Ortiz | 1 |
| Ryan Brown | 1 |
| Samantha Bell | 1 |
| Samuel Wood | 1 |
| Savannah Watson | 1 |
| Scarlett James | 1 |
| Simon Butler | 1 |
| Skyler Watson | 1 |
| Sofia Perez | 1 |
| Sophia Taylor | 1 |
| Sophie Butler | 1 |
| Stella Cooper | 1 |
| Tobias Ross | 1 |
| Tyler Green | 1 |
| Valentina Morris | 1 |
| Victoria Hill | 1 |
| Violet Henderson | 1 |
| Wesley Barnes | 1 |
| William Young | 1 |
| Willow Patterson | 1 |
| Xander Rivera | 1 |
| Xavier Simmons | 1 |
| Zander Evans | 1 |
| Zoe Sanders | 1 |
| Zoey Rivera | 1 |

### subqueries

**List appointments scheduled for a specific date:**

3.

* SELECT Appointments.appointment\_id, Students.student\_name, Counselors.counselor\_name FROM Appointments, Students, Counselors

WHERE Appointments.student\_id = Students.student\_id AND Appointments.counselor\_id = Counselors.counselor\_id AND Appointments.appointment\_date = '2024-05-01';

|  |  |  |
| --- | --- | --- |
| Appointment id | Student name | Counselor name |
| 1 | John Smith | Alice Johnson |

### subqueries

4.

**Find the counselor with the most appointments:**

SELECT Counselors.counselor\_name, COUNT(\*) AS appointment\_count FROM Appointments, Counselors

WHERE Appointments.counselor\_id = Counselors.counselor\_id GROUP BY Counselors.counselor\_name

ORDER BY appointment\_count DESC LIMIT 1;

|  |  |  |
| --- | --- | --- |
| Counselor name | Appointement name |  |
| Lucy Barnes | 1 |

* 1. **subqueries**

|  |  |  |  |
| --- | --- | --- | --- |
|  | 5. | **List students who have appointments for academic planning:** |  |

SELECT Students.student\_name FROM Appointments, Students

WHERE Appointments.student\_id = Students.student\_id AND Appointments.purpose = 'Academic planning';

|  |  |
| --- | --- |
| Student name |  |
| John Smith |
| Daniel Martinez |
| Benjamin Davis |
| Liam Smith |
| Brayden Johnson |
| Isaac Williams |
| Wyatt Smith |

|  |
| --- |
| Cameron Wilson |
| Bryce Davis |
| Ryder Jones |
| Jackson Miller |
| Hunter Williams |
| Asher Davis |
| Bentley Wilson |
| Jace Smith |
| Nolan Williams |
| Brody Davis |
| Patrick Wilson |
| Dylan Smith |
| Brantley Williams |

* 1. **subqueries**

|  |  |  |  |
| --- | --- | --- | --- |
|  | 6. | **Calculate the average number of appointments per student:** |  |

SELECT AVG(appointment\_count) AS average\_appointments\_per\_student FROM (

SELECT student\_id, COUNT(\*) AS appointment\_count FROM Appointments

GROUP BY student\_id

) AS AppointmentCounts;

Average appointment as per students 1.0000

* 1. **subquries**

|  |  |  |  |
| --- | --- | --- | --- |
|  | 7. | **List counselors who have appointments after a certain date:** |  |

SELECT DISTINCT Counselors.counselor\_name FROM Appointments, Counselors

WHERE Appointments.counselor\_id = Counselors.counselor\_id AND Appointments.appointment\_date > '2024-06-01';

|  |  |
| --- | --- |
| Counselor\_name |  |
| Madison Kelly |
| Christopher Wright |
| Scarlett James |
| Anthony Torres |
| Grace Long |
| Dylan Nguyen |
| Chloe Morris |
| Ryan Brown |
| Zoey Rivera |
| Nathan Foster |

|  |
| --- |
| Hannah Collins |
| Justin Bennett |
| Aria Murphy |
| Kevin Richardson |
| Addison Cooper |
| Brandon Bailey |
| Lily Ross |
| Samuel Wood |
| Natalie Reed |
| Gabriel Ward |
| Samantha Bell |
| Logan Jenkins |
| Leah Brooks |
| Nicholas Coleman |
| Audrey Perry |
| John Ramirez |
| Alyssa Price |
| Isaac Hayes |
| Eleanor Martinez |
| Carter Hughes |
| Lillian Ortiz |
| David West |
| Violet Henderson |
| Tyler Green |
| Aubrey Simmons |
| Caleb Washington |
| Claire Butler |
| Isaiah Edwards |
| Stella Cooper |
| Owen Baker |
| Maya Bryant |
| Elijah Patterson |
| Lucy Barnes |
| Julian Jenkins |
| Paisley Diaz |
| Gavin Sanders |
| Brooklyn Parker |
| Jackson Foster |
| Layla Evans |
| Dominic Henderson |
| Brooklyn Gray |
| Jaxon Watson |
| Aurora Morris |
| Christian Perry |
| Penelope Reed |
| Brayden Ross |
| Ellie Rivera |
| Hunter James |
| Ariana Cook |
| Grayson Coleman |
| Naomi Turner |
| Cameron Ward |
| Autumn Hill |
| Levi Ortiz |
| Bella Hayes |
| Xavier Simmons |
| Mila Washington |
| Leo Butler |
| Nova Edwards |
| Gabriel Foster |
| Eva Cooper |
| Josiah Bryant |

|  |
| --- |
| Willow Patterson |
| Henry Barnes |
| Luna Jenkins |
| Hudson Diaz |
| Zoe Sanders |
| Mateo Parker |
| Gianna Foster |
| Elias Evans |
| Kinsley Henderson |
| Jace Gray |
| Savannah Watson |
| Asher Morris |
| Elliana Perry |
| Roman Reed |
| Clara Ross |
| Xander Rivera |
| Fatima James |
| Axel Cook |
| Molly Coleman |
| Jaxon Turner |
| Adeline Ward |
| Damian Hill |
| Joseph Ortiz |
| Delilah Hayes |
| Harrison Simmons |
| Avery Washington |
| Sophie Butler |
| Ezekiel Edwards |
| Camila Foster |
| Kai Cooper |
| Ivy Bryant |
| Ezra Patterson |
| Gabriella Barnes |
| Maverick Jenkins |
| Aaliyah Diaz |
| Eli Sanders |
| Athena Parker |
| Micah Foster |
| Juliana Evans |
| Rhett Henderson |
| Isla Gray |
| Dean Watson |
| Valentina Morris |
| Rhys Perry |
| Genevieve Reed |
| Tobias Ross |
| Makayla Rivera |
| Cole James |
| Lena Cook |
| August Coleman |
| Alana Turner |
| Beckett Ward |
| Paris Hill |
| Ronan Ortiz |
| Cora Hayes |
| Kingston Simmons |
| Raegan Washington |
| Simon Butler |
| Lilah Edwards |
| Daxton Foster |
| Gemma Cooper |
| Lukas Bryant |

|  |
| --- |
| June Patterson |
| Wesley Barnes |
| Emersyn Jenkins |
| Archer Diaz |
| Alessandra Sanders |
| Jude Parker |
| Daniela Foster |
| Zander Evans |
| Presley Henderson |
| Clark Gray |
| Skyler Watson |
| Anastasia Morris |
| Milo Perry |
| Nora Reed |
| Enzo Ross |
| Alayna Rivera |
| Phoenix James |
| Ember Cook |
| Rhett Coleman |
| Jolie Turner |
| Knox Ward |
| Ayla Hill |
| Rhys Ortiz |
| Brielle Hayes |
| Jett Simmons |
| Malia Washington |
| Beau Butler |
| Evangeline Edwards |
| Cohen Foster |
| Camille Cooper |
| Kameron Bryant |
| Arianna Patterson |
| Dominick Barnes |
| Freya Jenkins |

###### Subqueries

|  |  |  |  |
| --- | --- | --- | --- |
|  | 8. | **Find the student with the most appointments:** |  |

SELECT Students.student\_name, COUNT(\*) AS appointment\_count FROM Appointments, Students

WHERE Appointments.student\_id = Students.student\_id GROUP BY Students.student\_name

ORDER BY appointment\_count DESC LIMIT 1;

|  |  |  |
| --- | --- | --- |
| Student\_name | Appointment\_count |  |
| Gabriella Williams | 1 |

###### Subqueries

|  |  |  |  |
| --- | --- | --- | --- |
|  | 9. | **List appointments for students whose names start with 'A':** |  |

SELECT Appointments.appointment\_id, Students.student\_name, Counselors.counselor\_name FROM Appointments, Students, Counselors

WHERE Appointments.student\_id = Students.student\_id AND Appointments.counselor\_id = Counselors.counselor\_id AND Students.student\_name LIKE 'A%';

|  |  |  |  |
| --- | --- | --- | --- |
| Appointment\_id | Student\_name | Counselor\_name |  |
| 9 | Alexander Taylor | Ava Thomas |
| 16 | Amelia Smith | Ethan Lee |
| 18 | Abigail Williams | Alexander Nelson |
| 19 | Andrew Jones | Evelyn Hall |
| 24 | Avery Taylor | Daniel Lewis |
| 32 | Aria Johnson | Joshua Perez |
| 38 | Addison Wilson | Dylan Nguyen |
| 44 | Aubrey Brown | Justin Bennett |
| 58 | Arianna Miller | John Ramirez |
| 65 | Aurora Miller | Violet Henderson |
| 67 | Adam Jones | Aubrey Simmons |
| 73 | Axel Smith | Maya Bryant |
| 82 | Adeline Miller | Dominic Henderson |
| 83 | Antonio Wilson | Brooklyn Gray |
| 86 | Alexa Johnson | Christian Perry |
| 92 | Aaliyah Brown | Grayson Coleman |
| 94 | Allison Miller | Cameron Ward |
| 108 | Adalyn Jones | Hudson Diaz |
| 121 | Asher Davis | Fatima James |
| 129 | Aaron Davis | Harrison Simmons |
| 143 | Adrian Williams | Juliana Evans |
| 145 | Austin Davis | Isla Gray |
| 174 | Angel Johnson | Zander Evans |
| 178 | Amara Miller | Anastasia Morris |
| 183 | Andre Williams | Phoenix James |
| 184 | Angelina Brown | Ember Cook |
| 194 | Anastasia Miller | Evangeline Edwards |

###### SubQueries

|  |  |  |  |
| --- | --- | --- | --- |
|  | 10. | **Find the total number of appointments:** |  |

SELECT COUNT(\*) AS total\_appointments FROM Appointments;

Total\_appointment 200

###### Subqueries

|  |  |  |  |
| --- | --- | --- | --- |
|  | 11. | **List counselors who have not had any appointments:** |  |

SELECT Counselors.counselor\_name FROM Counselors

WHERE Counselors.counselor\_id NOT IN (SELECT DISTINCT counselor\_id FROM Appointments);

NULL

###### Subqueries

|  |  |  |
| --- | --- | --- |
| 12. | **List appointments for students in a specific grade:** |  |

SELECT Appointments.appointment\_id, Students.student\_name, Students.grade\_level FROM Appointments, Students

WHERE Appointments.student\_id = Students.student\_id AND Students.grade\_level = 11;

|  |  |  |  |
| --- | --- | --- | --- |
| Appointment\_id | Student\_name | Gradelevel |  |
| 3 | Michael Williams | 11 |
| 7 | William Miller | 11 |
| 11 | Daniel Martinez | 11 |
| 15 | Ethan Perez | 11 |
| 19 | Andrew Jones | 11 |
| 23 | Christopher Wilson | 11 |
| 27 | Madison Hernandez | 11 |
| 31 | Liam Smith | 11 |

|  |  |  |
| --- | --- | --- |
| 35 | Elijah Brown | 11 |
| 39 | Landon Jones | 11 |
| 43 | Nicholas Jones | 11 |
| 47 | Evan Wilson | 11 |
| 51 | Isaac Williams | 11 |
| 55 | Henry Jones | 11 |
| 59 | Carter Wilson | 11 |
| 63 | Nora Williams | 11 |
| 67 | Adam Jones | 11 |
| 71 | Cameron Wilson | 11 |
| 75 | Gabriella Williams | 11 |
| 79 | Thomas Jones | 11 |
| 83 | Antonio Wilson | 11 |
| 87 | Clayton Williams | 11 |
| 91 | Ryder Jones | 11 |
| 95 | Peter Wilson | 11 |
| 99 | Maverick Williams | 11 |
| 103 | Mateo Jones | 11 |
| 107 | Leonardo Wilson | 11 |
| 111 | Hunter Williams | 11 |
| 115 | Jonathan Wilson | 11 |
| 119 | Grayson Williams | 11 |
| 123 | Julian Wilson | 11 |
| 127 | Josiah Williams | 11 |
| 131 | Bentley Wilson | 11 |
| 135 | Riley Williams | 11 |
| 139 | Christian Wilson | 11 |
| 143 | Adrian Williams | 11 |
| 147 | Jaxson Wilson | 11 |
| 151 | Nolan Williams | 11 |
| 155 | Tristan Wilson | 11 |
| 159 | Kingston Williams | 11 |
| 163 | Travis Wilson | 11 |
| 167 | Ryker Williams | 11 |
| 171 | Patrick Wilson | 11 |
| 175 | Karter Williams | 11 |
| 179 | Beckett Wilson | 11 |
| 183 | Andre Williams | 11 |
| 187 | Felix Wilson | 11 |
| 191 | Brantley Williams | 11 |
| 195 | Chance Wilson | 11 |
| 199 | Spencer Williams | 11 |

* 1. **Subqueries**

|  |  |  |
| --- | --- | --- |
| 13. | **Find the student with the fewest appointments:** |  |

**SELECT Students.student\_name, COUNT(\*) AS appointment\_count FROM Appointments, Students**

**WHERE Appointments.student\_id = Students.student\_id GROUP BY Students.student\_name**

**ORDER BY appointment\_count ASC LIMIT 1;**

|  |  |
| --- | --- |
| Student\_name | Appointment\_count |
| Elijah Brown | 1 |

* 1. **SubQueries**

**14.List counselors who have appointments on weekdays:**

SELECT DISTINCT Counselors.counselor\_name FROM Appointments, Counselors

WHERE Appointments.counselor\_id = Counselors.counselor\_id

AND DAYOFWEEK(Appointments.appointment\_date) BETWEEN 2 AND 6;

|  |
| --- |
| Counselor\_name |
| Alice Johnson |
| Bob Smith |
| Emily Davis |
| David Miller |
| Sophia Taylor |
| Daniel Anderson |
| Ava Thomas |
| James Martinez |
| Amelia White |
| Benjamin Lopez |
| Mia Adams |
| Ethan Lee |
| Harper Gonzalez |
| Jacob Allen |
| Ella Garcia |
| Michael Wright |
| Abigail King |
| Daniel Lewis |
| Sofia Perez |
| Andrew Cook |
| Avery Hall |
| Joseph Carter |
| Victoria Hill |
| Christopher Wright |
| Scarlett James |
| Anthony Torres |
| Grace Long |
| Dylan Nguyen |

|  |
| --- |
| Zoey Rivera |
| Nathan Foster |
| Hannah Collins |
| Justin Bennett |
| Aria Murphy |
| Brandon Bailey |
| Lily Ross |
| Samuel Wood |
| Natalie Reed |
| Gabriel Ward |
| Leah Brooks |
| Nicholas Coleman |
| Audrey Perry |
| John Ramirez |
| Alyssa Price |
| Carter Hughes |
| Lillian Ortiz |
| David West |
| Violet Henderson |
| Tyler Green |
| Claire Butler |
| Isaiah Edwards |
| Stella Cooper |
| Owen Baker |
| Maya Bryant |
| Julian Jenkins |
| Paisley Diaz |
| Gavin Sanders |
| Brooklyn Parker |
| Jackson Foster |
| Brooklyn Gray |
| Jaxon Watson |
| Aurora Morris |
| Christian Perry |
| Penelope Reed |
| Hunter James |
| Ariana Cook |
| Grayson Coleman |
| Naomi Turner |
| Cameron Ward |
| Bella Hayes |
| Xavier Simmons |
| Mila Washington |
| Leo Butler |
| Nova Edwards |
| Josiah Bryant |
| Willow Patterson |
| Henry Barnes |
| Luna Jenkins |
| Hudson Diaz |
| Gianna Foster |
| Elias Evans |
| Kinsley Henderson |
| Jace Gray |
| Savannah Watson |
| Roman Reed |
| Clara Ross |
| Xander Rivera |
| Fatima James |
| Axel Cook |
| Adeline Ward |
| Damian Hill |

|  |
| --- |
| Joseph Ortiz |
| Delilah Hayes |
| Harrison Simmons |
| Ezekiel Edwards |
| Camila Foster |
| Kai Cooper |
| Ivy Bryant |
| Ezra Patterson |
| Aaliyah Diaz |
| Eli Sanders |
| Athena Parker |
| Micah Foster |
| Juliana Evans |
| Dean Watson |
| Valentina Morris |
| Rhys Perry |
| Genevieve Reed |
| Tobias Ross |
| Lena Cook |
| August Coleman |
| Alana Turner |
| Beckett Ward |
| Paris Hill |
| Kingston Simmons |
| Raegan Washington |
| Simon Butler |
| Lilah Edwards |
| Daxton Foster |
| June Patterson |
| Wesley Barnes |
| Emersyn Jenkins |
| Archer Diaz |
| Alessandra Sanders |
| Zander Evans |
| Presley Henderson |
| Clark Gray |
| Skyler Watson |
| Anastasia Morris |
| Enzo Ross |
| Alayna Rivera |
| Phoenix James |
| Ember Cook |
| Rhett Coleman |
| Ayla Hill |
| Rhys Ortiz |
| Brielle Hayes |
| Jett Simmons |
| Malia Washington |
| Cohen Foster |
| Camille Cooper |
| Kameron Bryant |
| Arianna Patterson |
| Dominick Barnes |

* 1. **SubQueries**

|  |  |  |
| --- | --- | --- |
| 15. | **Calculate the total number of appointments each month:** |  |

SELECT MONTH(appointment\_date) AS month, COUNT(\*) AS appointment\_count FROM Appointments

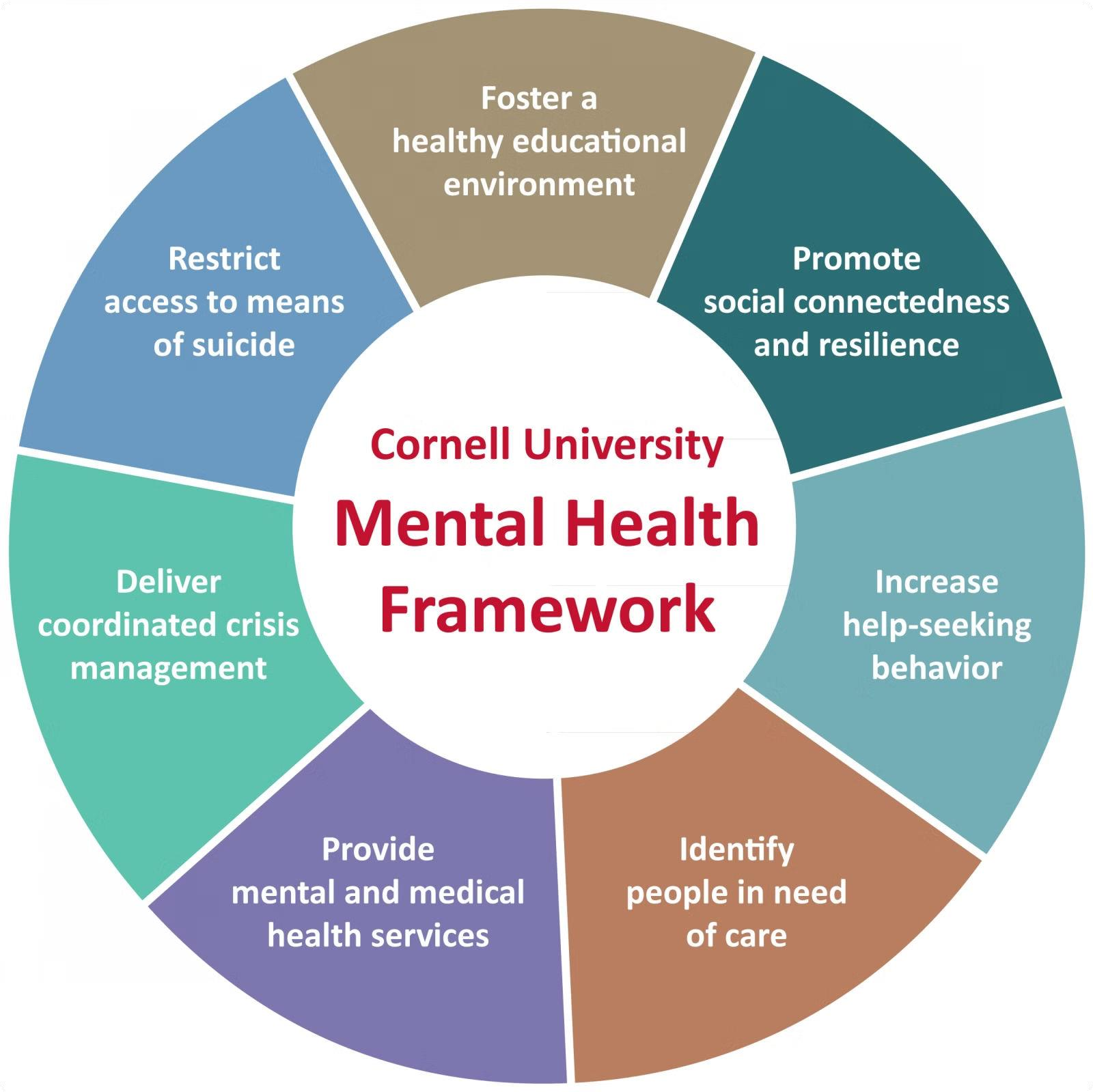
GROUP BY month;

|  |  |
| --- | --- |
| month | Appointment\_count |
| 5 | 31 |
| 6 | 30 |
| 7 | 31 |
| 8 | 31 |
| 9 | 30 |
| 10 | 31 |
| 11 | 16 |

# Conclusion and Future Improvements

The Student Mental Health System project has established a robust database infrastructure to support the growing mental health needs of the campus community.

Moving forward, ongoing investments in data analytics, predictive modeling, and user-friendly reporting will enhance the system's ability to identify at-risk students and deliver targeted interventions.



#### Integrating the system with external providers, implementing telehealth options, and expanding outreach programs are key priorities for the future.

By continuously optimizing the Student Mental Health System, the university can elevate its commitment to student well-being and position itself as a leader in proactive campus mental health support.

