Name: Shruti Gupta

Roll: 244ca051

For Table 1

INSERT INTO classroom VALUES ('Science', '101', 50);

INSERT INTO classroom VALUES ('Science', '102', 45);

INSERT INTO classroom VALUES ('Engineering', '201', 60);

INSERT INTO classroom VALUES ('Engineering', '202', 55);

INSERT INTO classroom VALUES ('Arts Center', 'A01', 40);

INSERT INTO classroom VALUES ('Arts Center', 'A02', 35);

INSERT INTO classroom VALUES ('Library', 'L1', 20);

INSERT INTO classroom VALUES ('Library', 'L2', 25);

INSERT INTO classroom VALUES ('Business Wing', 'B101', 30);

INSERT INTO classroom VALUES ('Business Wing', 'B102', 50);

For Table 2

INSERT INTO department VALUES ('Computer Science', 'Science', 120000.00);

INSERT INTO department VALUES ('Mathematics', 'Engineering', 80000.50);

INSERT INTO department VALUES ('Physics', 'Science', 100000.75);

INSERT INTO department VALUES ('Chemistry', 'Research Center', 95000.00);

INSERT INTO department VALUES ('Biology', 'Life Sciences', 87000.00);

INSERT INTO department VALUES ('English', 'Arts Center', 60000.00);

INSERT INTO department VALUES ('History', 'Humanities Wing', 55000.00);

INSERT INTO department VALUES ('Business', 'Business Wing', 150000.00);

INSERT INTO department VALUES ('Economics', 'Business Wing', 92000.00);

INSERT INTO department VALUES ('Psychology', 'Social Sciences', 72000.25);

For Table 3

INSERT INTO course VALUES ('CS101', 'Introduction to Computer Science', 'Computer Science', 3);

INSERT INTO course VALUES ('CS201', 'Data Structures', 'Computer Science', 4);

INSERT INTO course VALUES ('MA201', 'Calculus I', 'Mathematics', 3);

INSERT INTO course VALUES ('MA101', 'Linear Algebra', 'Mathematics', 3);

INSERT INTO course VALUES ('EE210', 'Classical Mechanics', 'Physics', 4);

INSERT INTO course VALUES ('EN101', 'Organic Chemistry', 'Chemistry', 4);

INSERT INTO course VALUES ('EE110', 'General Biology', 'Biology', 3);

INSERT INTO course VALUES ('LI101', 'English Literature', 'English', 3);

INSERT INTO course VALUES ('HI101', 'World History', 'History', 3);

INSERT INTO course VALUES ('BU101', 'Principles of Management', 'Business', 3);

For Table 4

INSERT INTO instructor VALUES ('I001', 'Kamath', 'Computer Science', 50000.00);

INSERT INTO instructor VALUES ('I002', 'Amit Kumar', 'Mathematics', 60000.00);

INSERT INTO instructor VALUES ('I003', 'Mahima', 'Physics', 55000.00);

INSERT INTO instructor VALUES ('I004', 'Sarah', 'English', 45000.00);

INSERT INTO instructor VALUES ('I005', 'Sonali Chakraborty', 'Business', 70000.00);

INSERT INTO instructor VALUES ('I006', 'Nandagopal', 'History', 48000.00);

INSERT INTO instructor VALUES ('I007', 'Prakash', 'Psychology', 52000.00);

INSERT INTO instructor VALUES ('I008', 'Ajanta Mishra', 'Computer Science', 65000.00);

INSERT INTO instructor VALUES ('I009', 'Samay', 'Mathematics', 58000.00);

INSERT INTO instructor VALUES ('I010', 'Steve', 'Physics', 49000.00);

For Table 5

INSERT INTO section VALUES ('CS101', 'A1', 'Fall', 2023, 'Science', '101', 'T1');

INSERT INTO section VALUES ('MA201', 'B1', 'Spring', 2024, 'Science', '102', 'T2');

INSERT INTO section VALUES ('EE210', 'C1', 'Fall', 2023, 'Engineering', '201', 'T3');

INSERT INTO section VALUES ('EN101', 'D1', 'Spring', 2024, 'Engineering', '202', 'T4');

INSERT INTO section VALUES ('BU101', 'E1', 'Fall', 2023, 'Arts Center', 'A01', 'T5');

INSERT INTO section VALUES ('HI101', 'F1', 'Spring', 2024, 'Arts Center', 'A02', 'T6');

INSERT INTO section VALUES ('LI101', 'G1', 'Fall', 2023, 'Library', 'L1', 'T7');

INSERT INTO section VALUES ('CS201', 'H1', 'Spring', 2024, 'Library', 'L2', 'T8');

INSERT INTO section VALUES ('MA101', 'I1', 'Fall', 2023, 'Business Wing', 'B101', 'T9');

INSERT INTO section VALUES ('EE110', 'J1', 'Spring', 2024, 'Business Wing', 'B102', 'T10');

For Table 6

INSERT INTO teaches VALUES ('I001', 'CS101', 'A1', 'Fall', 2023);

INSERT INTO teaches VALUES ('I002', 'MA201', 'B1', 'Spring', 2024);

INSERT INTO teaches VALUES ('I003', 'EE210', 'C1', 'Fall', 2023);

INSERT INTO teaches VALUES ('I004', 'EN101', 'D1', 'Spring', 2024);

INSERT INTO teaches VALUES ('I005', 'BU101', 'E1', 'Fall', 2023);

INSERT INTO teaches VALUES ('I006', 'HI101', 'F1', 'Spring', 2024);

INSERT INTO teaches VALUES ('I007', 'LI101', 'G1', 'Fall', 2023);

INSERT INTO teaches (ID, course\_id, sec\_id, semester, year)

2 VALUES ('I002', 'EE210', 'C1', 'Fall', 2023);

INSERT INTO teaches VALUES ('I009', 'MA101', 'I1', 'Fall', 2025);

INSERT INTO teaches VALUES ('I010', 'EE110', 'J1', 'Spring', 2025);

For Table 7

INSERT INTO student VALUES ('S1001', 'Shruti', 'Computer Science', 30);

INSERT INTO student VALUES ('S1002', 'Vanshita', 'Mathematics', 45);

INSERT INTO student VALUES ('S1003', 'Sejal', 'Physics', 20);

INSERT INTO student VALUES ('S1004', 'Tejas', 'English', 60);

INSERT INTO student VALUES ('S1005', 'Deeksha', 'Business', 15);

INSERT INTO student VALUES ('S1006', 'Anish', 'History', 35);

INSERT INTO student VALUES ('S1007', 'Anubhav', 'Psychology', 25);

INSERT INTO student VALUES ('S1008', 'Konicaa', 'Computer Science', 50);

INSERT INTO student VALUES ('S1009', 'Naveen', 'Mathematics', 40);

INSERT INTO student VALUES ('S1010', 'Niyati', 'Physics', 10);

For Table 8

INSERT INTO takes VALUES ('S1001', 'CS101', 'A1', 'Fall', 2023, 'A');

INSERT INTO takes VALUES ('S1002', 'MA201', 'B1', 'Spring', 2024, 'B');

INSERT INTO takes VALUES ('S1003', 'EE210', 'C1', 'Fall', 2023, 'C');

INSERT INTO takes VALUES ('S1004', 'EN101', 'D1', 'Spring', 2024, 'C');

INSERT INTO takes VALUES ('S1005', 'BU101', 'E1', 'Fall', 2025, 'B');

INSERT INTO takes VALUES ('S1006', 'HI101', 'F1', 'Spring', 2024, 'C');

INSERT INTO takes VALUES ('S1007', 'LI101', 'G1', 'Fall', 2025, 'A');

INSERT INTO takes VALUES ('S1008', 'CS201', 'H1', 'Spring', 2024, 'B');

INSERT INTO takes VALUES ('S1009', 'MA101', 'I1', 'Fall', 2023, 'A');

INSERT INTO takes VALUES ('S1010', 'EE110', 'J1', 'Spring', 2024, 'C');

For Table 9

INSERT INTO advisor VALUES ('S1001', 'I001');

INSERT INTO advisor VALUES ('S1002', 'I002');

INSERT INTO advisor VALUES ('S1003', 'I003');

INSERT INTO advisor VALUES ('S1004', 'I004');

INSERT INTO advisor VALUES ('S1005', 'I005');

INSERT INTO advisor VALUES ('S1006', 'I006');

INSERT INTO advisor VALUES ('S1007', 'I007');

INSERT INTO advisor VALUES ('S1008', 'I008');

INSERT INTO advisor VALUES ('S1009', 'I009');

INSERT INTO advisor VALUES ('S1010', 'I010');

For Table 10

INSERT INTO time\_slot VALUES ('T1', 'M', 9, 0, 9, 50);

INSERT INTO time\_slot VALUES ('T2', 'W', 10, 0, 10, 50);

INSERT INTO time\_slot VALUES ('T3', 'F', 11, 0, 11, 50);

INSERT INTO time\_slot VALUES ('T4', 'M', 13, 0, 13, 50);

INSERT INTO time\_slot VALUES ('T5', 'W', 14, 0, 14, 50);

INSERT INTO time\_slot VALUES ('T6', 'F', 15, 0, 15, 50);

INSERT INTO time\_slot VALUES ('T7', 'M', 16, 0, 16, 50);

INSERT INTO time\_slot VALUES ('T8', 'W', 17, 0, 17, 50);

INSERT INTO time\_slot VALUES ('T9', 'F', 18, 0, 18, 50);

INSERT INTO time\_slot VALUES ('T10', 'M', 19, 0, 19, 50);

For Table 11

INSERT INTO prereq VALUES ('CS101', 'MA201');

INSERT INTO prereq VALUES ('MA201', 'CS101');

INSERT INTO prereq VALUES ('EE210', 'EN101');

INSERT INTO prereq VALUES ('EN101', 'EE210');

INSERT INTO prereq VALUES ('BU101', 'HI101');

INSERT INTO prereq VALUES ('HI101', 'BU101');

INSERT INTO prereq VALUES ('LI101', 'CS201');

INSERT INTO prereq VALUES ('CS201', 'LI101');

INSERT INTO prereq VALUES ('MA101', 'EE110');

INSERT INTO prereq VALUES ('EE110', 'MA101');

