STUDENT ACTIVITY 3.1B: UTILIZING THE **SELECT** STATEMENT WITH MULTIPLE TABLES

MTA Course: Database Administration Fundamentals
Topic: Select data
File name: DBAdminFund_SA_3.1b

Lesson Objective:

3.1: Select data

Directions to the student:

Record the information that would result by applying each of the following SELECT statements to the table Student_Info. Write your answers in the grids provided.

Content:

Student Id	Last_ Name	First_Name	Birthday	Tuition	Sex	Class_Id_1	Class_Id_2
1243	Holt	Holly	10-5-1990	10000	F	111	222
2435	Houston	Peter	1-25-1991	5000	M	323	476
3756	Raheem	Michael	6-18-1990	4000	M	222	476
4456	Jacobsen	Lola	8-7-1997	9000	F	476	323
5865	Higa	Sidney	11-21-2000	12000	F	111	222
6674	Johnson	Brian	4-15-1989	500	M	222	111
7456	Bentley	Sean	2-17-1990	350	M	111	476
8934	Price	Jeff	10-5-1990	2000	M	222	323
5718	Ashton	Chris	1-1-1991	500	M	222	346

Table name: Student_Info

Class_Id	Subject	Room	Start_Time
111	English	Hall A	12:30 AM
222	Math	2354c	4:20 PM
323	Science	Hall B	6:15 PM
476	Social Studies	4576c	8:45 AM

Table name: Class_Info

1. SELECT StudentId, First_Name, Birthday, Tuition **FROM** Student_Info **WHERE** Last_ Name **LIKE** "Will"

2. SELECT StudentId, First_Name, Birthday, Tuition **FROM** Student_Info **WHERE** Class_Id_1 = (**SELECT** Class_Id **FROM** Class_Info **WHERE** Subject = "Social Studies")

3. SELECT Student_Info.* **FROM** Student_Info**, (SELECT** Class_Id **FROM** Class_Info **WHERE** Room = **"**Hall A"**) WHERE** Student_Info.Class_Id_1 = Class_Info **.**Class_id

4. SELECT Student_Info .First_Name, Student_Info .Last_Name, Class_Info.Subject **FROM** Student_Info

INNER JOIN Class_Info **ON** Student_Info. Class_Id_2 = Class_Info. Class_ID

ORDER BY Class_Info. Subject

5. SELECT Student_Info .First_Name, Student_Info .Last_Name, Class_Info.Subject
FROM Student_Info
FULL JOIN Student **ON** Class_Info.Class_ID=Student_Info.Class_Id_2
ORDER BY Student_Info .Last_Name

6. SELECT * FROM Student _Info **WHERE** Tuition **BETWEEN** 100 **AND** 500
INTERSECT SELECT * FROM Student _Info **WHERE** Tuition **BETWEEN** 200
AND 9000