

Name: Adedapo Abiodun Joseph

Matric: 2019235020021

Course: Database Design (COM312)

Enrollment Table

EnrollmentID	CourseCode	MatricNo	EnrollmentDate	Click to Add						
1	COM312	101	1/1/2024							
10	GNS301	104	1/8/2024							
11	MTH312	107	1/9/2024							
12	GNS306	103	1/10/2024							
13	COM311	107	1/11/2024							
14	COM312	106	1/12/2024							
15	COM312	104	1/13/2024							
16	GNS301	106	1/14/2024							
17	COM315	105	1/15/2024							
18	COM311	101	1/16/2024							
19	STA314	105	1/17/2024							
2	COM314	101	1/2/2024							
20	STA312	106	1/18/2024							
21	MTH312	108	1/19/2024							
22	COM315	104	1/20/2024							
23	COM312	103	1/22/2024							
24	COM312	105	1/22/2024							
3	COM315	103	1/2/2024							
4	COM314	103	1/3/2024							
5	COM312	102	1/4/2024							
6	COM313	102	1/5/2024							
7	COM313	108	1/6/2024							
8	STA312	101	1/7/2024							
9	STA314	103	1/7/2024							

Datasheet View

Field Name	Data Type	Description (Optional)
EnrollmentID	Short Text	
CourseCode	Short Text	
MatricNo	Short Text	
EnrollmentDate	Date/Time	

Field Properties

General

Lookup

Field Size	255
Format	
Input Mask	
Caption	
Default Value	
Validation Rule	
Validation Text	
Required	Yes
Allow Zero Length	Yes
Indexed	Yes (No Duplicates)
Unicode Compression	No
IME Mode	No Control
IME Sentence Mode	None
Text Align	General

A field name can be up to 64 characters long, including spaces. Press F1 for help on field names.

Design View

Student Table

MatricNO	LastName	FirstName	DOB	Gender	ContactNo	Click to Add				
101	Oladimeji	Damilare	8/4/2001	Male	8109410083					
102	Olatunji	Monday	1/16/1992	Male	7025345204					
103	Soun	Kehinde	7/4/1997	Female	9069695682					
104	Kajewa	Simisola	11/23/2004	Female	9057904123					
105	Sodiq	Alonge	12/17/1992	Male	9065709475					
106	Grace	Peace	9/30/1994	Female	8123567809					
107	Lateef	Qudus	4/5/1992	Male	8135963009					
108	Emeka	Cyntia	3/3/2001	Female	8023567801					
					0					

Datasheet view

Field Name	Data Type	Description (Optional)
MatricNO	Short Text	
LastName	Short Text	
FirstName	Short Text	
DOB	Date/Time	
Gender	Short Text	
ContactNo	Large Number	

Field Properties

General

Lookup

Field Size	255
Format	
Input Mask	
Caption	
Default Value	
Validation Rule	
Validation Text	
Required	Yes
Allow Zero Length	Yes
Indexed	Yes (No Duplicates)
Unicode Compression	Yes
IME Mode	No Control
IME Sentence Mode	None
Text Align	General

A field name can be up to 64 characters long, including spaces. Press F1 for help on field names.

Design View

Grade Table

File	Home	Create	External Data	Database Tools	Help	Table Fields	Table	Tell me what you want to do
All Acc...	<	Enrollment	Grade	Course	Student			
Search...		GradeID	EnrollmentID	Mark	Click to Add			
Tables		001	1	78				
Course		002	5	50				
Enrollment		003	14	65				
Grade		004	15	85				
Lecturer		005	23	90				
Student		006	24	65				
Queries		*		0				
BestStudent								
StudentenrolR...								
Reports								
Best Student								

Datasheet View

File	Home	Create	External Data	Database Tools	Help	Table Design	Tell me what you want to do
All Acc...	<	Enrollment	Grade	Course	Student		
Search...		GradeID	EnrollmentID	Mark			
Tables		001	1	78			
Course		002	5	50			
Enrollment		003	14	65			
Grade		004	15	85			
Lecturer		005	23	90			
Student		006	24	65			
Queries		*		0			
BestStudent							
StudentenrolR...							
Reports							
Best Student							

Field Name	Data Type	Description (Optional)
GradeID	Short Text	
EnrollmentID	Short Text	
Mark	Number	

Field Properties	
General	Lookup
Field Size	255
Format	
Input Mask	
Caption	
Default Value	
Validation Rule	
Validation Text	
Required	Yes
Allow Zero Length	Yes
Indexed	Yes (No Duplicates)
Unicode Compression	Yes
IME Mode	No Control
IME Sentence Mode	None

A field name can be up to 64 characters long, including spaces. Press F1 for help on field names.

Design View

Course Table

File	Home	Create	External Data	Database Tools	Help	Table Fields	Table	🔍 Tell me what you want to do
All Acc...	<	Enrollment	Grade	Course	Student			
Search...		CourseCode	CourseName	Click to Add				
Tables	^	COM311	Operating System					
Course		COM312	Database Design					
Enrollment		COM313	C++					
Grade		COM314	Computer Architecture					
Lecturer		COM315	Python Programming					
Student		GNS301	Use of English					
Queries	^	GNS306	Psychometrics					
BestStudent		MTH312	Advanced Algebra					
StudentenrolR...		STA314	Operational Research					
Reports	^	STA321	Statistical Theory					
Best Student								

Datasheet View

File Home Create External Data Database Tools Help **Table Design**

All Access

- Enrollment
- Grade
- Course**
- Student

Field Name	Data Type	Description (Optional)
CourseCode	Short Text	
CourseName	Long Text	

Search...

Tables

- Course
- Enrollment
- Grade
- Lecturer
- Student**

Queries

- BestStudent
- StudentenrollR...

Reports

- Best Student

Field Properties

General	
Field Size	255
Format	
Input Mask	
Caption	
Default Value	
Validation Rule	
Validation Text	
Required	Yes
Allow Zero Length	Yes
Indexed	Yes (No Duplicates)
Unicode Compression	Yes
IME Mode	No Control
IME Sentence Mode	None
Text Align	General

A field name can be up to 64 characters long, including spaces. Press F1 for help on field names.

Design View

Course Table

Tell me what you want to do											
Lecturer											
LecturerID ▾	CourseCode ▾	FullName ▾	Contact ▾	Click to Add ▾							
201	COM311	Mr Adedokun	9123456789								
202	COM312	Mr Egbedokun	9054678909								
203	COM313	Mrs Babajide	8188764512								
204	COM314	Mr Omotosho	8089764312								
205	COM315	Mrs Oni	9123457809								
206	GNS301	Mr Akano	8134678931								
207	GNS306	Mr Online	8177654211								
208	MTH312	Mr Ganiyu	8055321278								
209	STA314	Mr Adedamola	7054768124								
210	STA321	Mr Agboluaje	9070986531								
			0								

Datasheet View

File

Home

Create

External Data

Database Tools

Help

Table Design

Tell me what you want to do

All Access

Tables

Course

Enrollment

Grade

Lecturer

Student

Queries

BestStudent

StudentenrollR...

Reports

Best Student

Enrollment

Grade

Course

Student

Lecturer

Field Name

Data Type

Description (Optional)

LecturerID

Short Text

CourseCode

Short Text

FullName

Short Text

Contact

Large Number

Field Properties

General

Lookup

Field Size

255

Format

Input Mask

Caption

Default Value

Validation Rule

Validation Text

Required

Yes

Allow Zero Length

Yes

Indexed

Yes (No Duplicates)

Unicode Compression

Yes

IME Mode

No Control

IME Sentence Mode

None

Text Align

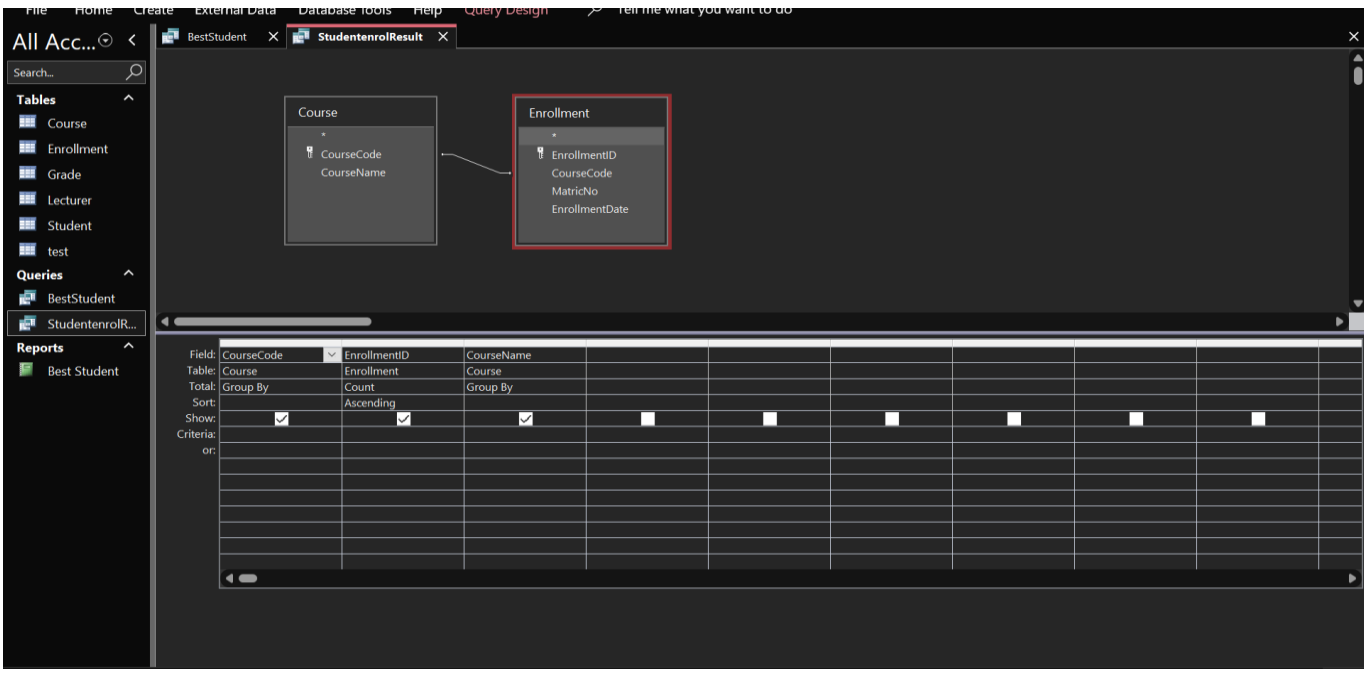
General

A field name can be up to 64 characters long, including spaces. Press F1 for help on field names.

Design View

QUERY FOR COURSE WITH THE LEAST NUMBER OF STUDENT ENROLLMENT

Design View

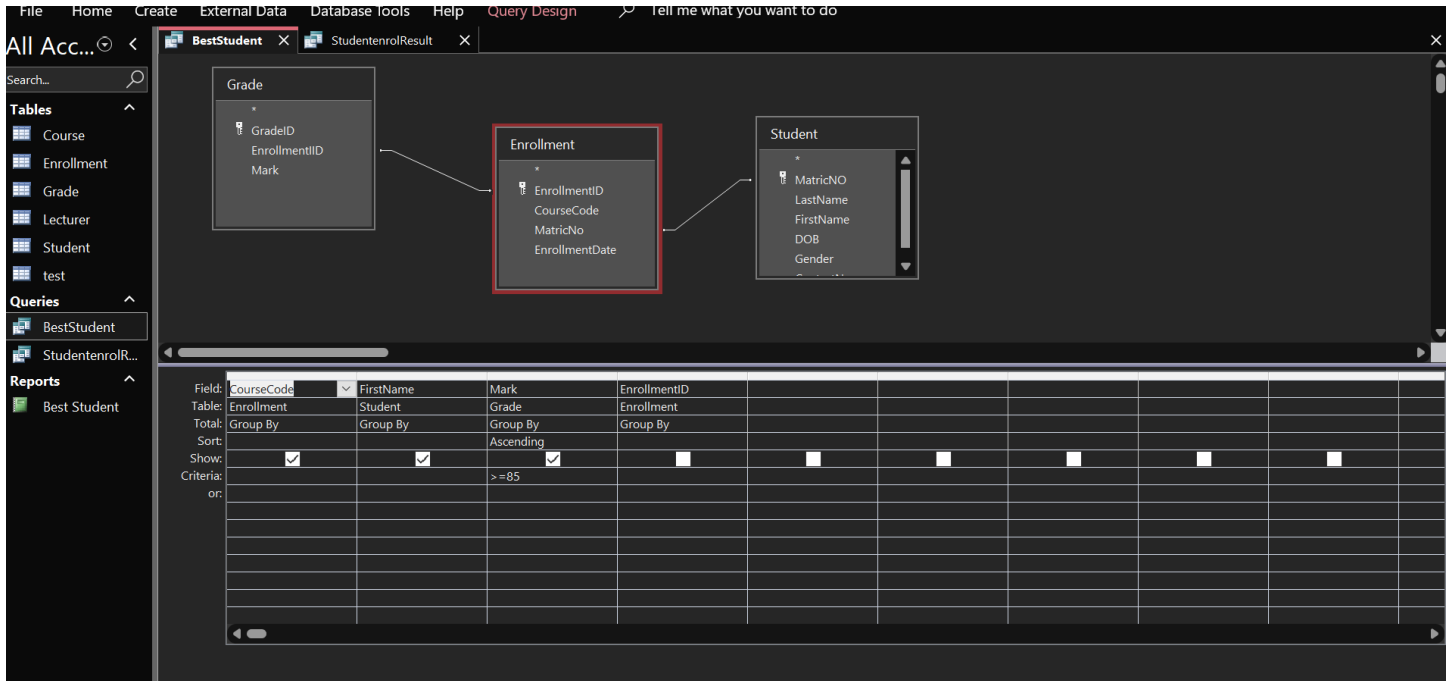


Datasheet View (Output)

CourseCode	CountOfEnrc	CourseName
GNS306	1	Psychometrics
COM311	2	Operating System
COM313	2	C++
COM314	2	Computer Architecture
GNS301	2	Use of English
MTH312	2	Advanced Algebra
STA314	2	Operational Research
COM315	3	Python Programming
COM312	6	Database Design

QUERY FOR BEST STUDENT IN COM 312

Design View



Datasheet View (Output)

The screenshot shows the Microsoft Access Query Datasheet View for the 'Best Student' query. The table displays the following data:

CourseCode	FirstName	Mark
COM312	Kehinde	90
COM312	Simisola	85