

Marry a DB

Activity 1: Save the Wedding! Answer Sheet

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Block and Section: BSCS 3-1

Answers:

1. GUEST table SQL code snippet

```
1 CREATE TABLE GUESTS (  
2     GuestName VARCHAR(255) NOT NULL,  
3     Email VARCHAR(255),  
4     Address VARCHAR(255),  
5     PhoneNumber VARCHAR(20),  
6     Relation VARCHAR(50),  
7     PRIMARY KEY (GuestName)  
8 );  
9
```

2. Insert value SQL code snippet and screenshot of output

Output:

GuestName	Email	Address	PhoneNumber	Relation
Alex Cruz	alexcruz@email.com	753 Walnut Road, Cebu City, Philippines	639997890123	Friend
Andrea Hernandez	andreaahernandez@email.com	528 Birch Avenue, Quezon City, Philippines	639220123456	Family
Anna Santos	annasantos@email.com	654 Maple Avenue, Quezon City, Philippines	639992345678	Family
David Reyes	davidreyes@email.com	987 Pine Road, Cebu City, Philippines	639334567890	Friend
James Tan	jamestan@email.com	135 Cedar Street, Manila, Philippines	639225678901	Friend
Kevin Tan	kevintan@email.com	279 Cedar Street, Manila, Philippines	639339012345	Friend
Laura Santos	laurasantos@email.com	642 Pine Lane, Davao City, Philippines	639558901234	Family
Maria Garcia	mariagarcia@email.com	246 Elm Lane, Davao City, Philippines	Family	Family
Mark Cruz	markcruz@email.com	321 Oak Street, Manila, Philippines	639771234567	Friend
Sofia Hernandez	sofiaahernandez@email.com	864 Birch Avenue, Quezon City, Philippines	639776789012	Family

3. SQL query code snippet for view FRIEND guests and screenshot of output

```
SELECT * FROM GUESTS  
WHERE relation = "Friends";
```

Alex Cruz	alexcruz@email.com	753 Walnut Road, Cebu City, Philippines	639997890123	Friend
David Reyes	davidreyes@email.com	987 Pine Road, Cebu City, Philippines	639334567890	Friend
James Tan	jamestan@email.com	135 Cedar Street, Manila, Philippines	639225678901	Friend
Kevin Tan	kevintan@email.com	279 Cedar Street, Manila, Philippines	639339012345	Friend
Mark Cruz	markcruz@email.com	321 Oak Street, Manila, Philippines	639771234567	Friend

4. SQL query code snippet for view **FAMILY** guests and screenshot of output

```
SELECT * FROM GUESTS
WHERE relation = "Family";
```

Andrea Hernandez	andreafernandez@email.com	528 Birch Avenue, Quezon City, Philippines	639220123456	Family
Anna Santos	annasantos@email.com	654 Maple Avenue, Quezon City, Philippines	639992345678	Family
Laura Santos	laurasantos@email.com	642 Pine Lane, Davao City, Philippines	639558901234	Family
Maria Garcia	mariagarcia@email.com	246 Elm Lane, Davao City, Philippines	Family	Family
Sofia Hernandez	sofiafernandez@email.com	864 Birch Avenue, Quezon City, Philippines	639776789012	Family

5. Update SQL code snippet and screenshot of output

```
UPDATE GUESTS
SET Email = 'm.cruz2023@email.com'
WHERE GuestName = 'Mark Cruz';
```

Anna Santos	annasantos@email.com	642 Pine Lane, Davao City, Philippines	639558901234	Family
Maria Garcia	mariagarcia@email.com	246 Elm Lane, Davao City, Philippines	Family	Family
Mark Cruz	markcruz@email.com	321 Oak Street, Manila, Philippines	639771234567	Friend
Sofia Hernandez	sofiafernandez@email.com	864 Birch Avenue, Quezon City, Philippines	639776789012	Family

6. Delete SQL code snippet and screenshot of output

```
DELETE FROM GUESTS
WHERE GuestName = 'Kevin Tan';
```

GuestName	Email	Address	PhoneNumber	Relation
Alex Cruz	alexcruz@email.com	753 Walnut Road, Cebu City, Philippines	639997890123	Friend
Andrea Hernandez	andreaahernandez@email.com	528 Birch Avenue, Quezon City, Philippines	639220	
Anna Santos	annasantos@email.com	654 Maple Avenue, Quezon City, Philippines	639992345678	Family
David Reyes	davidreyes@email.com	987 Pine Road, Cebu City, Philippines	639334567890	Friend
James Tan	jamestan@email.com	135 Cedar Street, Manila, Philippines	639225678901	Friend
Kevin Tan	kevintan@email.com	279 Cedar Street, Manila, Philippines	639339012345	Friend
Laura Santos	laurasantos@email.com	642 Pine Lane, Davao City, Philippines	639558901234	Family
Maria Garcia	mariagarcia@email.com	246 Elm Lane, Davao City, Philippines	Family Family	
Mark Cruz	markcruz@email.com	321 Oak Street, Manila, Philippines	639771234567	Friend
Sofia Hernandez	sofiaahernandez@email.com	864 Birch Avenue, Quezon City, Philippines	639776789012	
GuestName	Email	Address	PhoneNumber	Relation
Andrea Hernandez	andreaahernandez@email.com	528 Birch Avenue, Quezon City, Philippines	639220	
Anna Santos	annasantos@email.com	654 Maple Avenue, Quezon City, Philippines	639992345678	Family
Laura Santos	laurasantos@email.com	642 Pine Lane, Davao City, Philippines	639558901234	Family
Maria Garcia	mariagarcia@email.com	246 Elm Lane, Davao City, Philippines	Family Family	
Sofia Hernandez	sofiaahernandez@email.com	864 Birch Avenue, Quezon City, Philippines	639776789012	