Universidad de las Fuerzas Armadas ESPE
Matriz - Sangolquí

Object Oriented Programming

HOMEWORKS

NRC:

14575

Estudiante:

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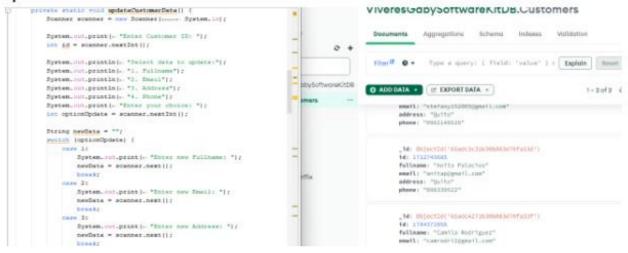
Professor:

Edison Lascano

Noviembre 2023- Marzo 2024

Read

```java
private static Customer readCustomerData(Scanner scanner) {
    System.out.print("Enter Fullname: ");
    String fullname = scanner.nextLine();
    System.out.print("Enter Email: ");
    String email = scanner.nextLine();
    System.out.print("Enter Address: ");
    String address = scanner.nextLine();
    System.out.print("Enter Phone: ");
    String phone = scanner.nextLine();

    return new Customer(0, fullname, email, address, phone);
}
```

fullname: "Stefany Díaz"
email: "stefany132005@gmail.com"
address: "Quito"
phone: "0902140026"

_id: ObjectId('65adc33f1b30b083d70fa345')
id: 1766368708
fullname: "Alex Curro"
email: "alexakyd2@gmail.com"
address: "Tharco"
phone: "0203221582"

_id: ObjectId('65adc65e1b30b083d70fa347')
id: 1764788708
fullname: "Eduardo García"
email: "eduagarcia086@gmail.com"
address: "Quito"
phone: "098339522"

Update

```java
private static void updateCustomerData() {
    Scanner scanner = new Scanner(System.in);

    System.out.print("Enter Customer ID: ");
    int id = scanner.nextInt();

    System.out.println("Select data to update:");
    System.out.println("1. Fullname");
    System.out.println("2. Email");
    System.out.println("3. Address");
    System.out.print("4. Phone");
    System.out.print("Enter your choice: ");
    int optionUpdate = scanner.nextInt();

    String newData = "";
    switch (optionUpdate) {
        case 1:
            System.out.print("Enter new Fullname: ");
            newData = scanner.next();
            break;
        case 2:
            System.out.print("Enter new Email: ");
            newData = scanner.next();
            break;
        case 3:
            System.out.print("Enter new Address: ");
            newData = scanner.next();
            break;
```

ViveresGabySoftwareKitDB.Customers

Documents Aggregations Schema Indexes Validation

Filter ⊕ ▾ Type a query: { field: 'value' } : [Explain] [Reset]

⊕ ADD DATA ▾   ⊑ EXPORT DATA ▾   1 - 3 of 3

email: "stefany132005@gmail.com"
address: "Quito"
phone: "0902140026"

_id: ObjectId('65adc3c31b30b083d70fa33d')
id: 1712743685
fullname: "Anita Palacios"
email: "anitap@gmail.com"
address: "Quito"
phone: "098339522"

_id: ObjectId('65adc4271b30b083d70fa33f')
id: 1764372056
fullname: "Camila Rodríguez"
email: "camrodri2@gmail.com"

Show

```java
public static void showAllCustomers() {
    MongoDatabase database = MongoDbConnection.connect();
    MongoCollection<Document> collection = database.getCollection();

    MongoCursor<Document> cursor = collection.find().iterator();
    while (cursor.hasNext()) {
        Document document = cursor.next();
        System.out.println(document.toJson());
    }
    cursor.close();
}
```

_id: ObjectId('65adc3c61b30b083d70fa33b')
id: 1722582317
fullname: "Stefany Díaz"
email: "stefany132005@gmail.com"
address: "Quito"
phone: "0902140026"

_id: ObjectId('65adc3c31b30b083d70fa33d')
id: 1712743685
fullname: "Anita Palacios"
email: "anitap@gmail.com"
address: "Quito"

Delete

```java
public static void deleteCustomer(int customerId) {
    MongoDatabase database = MongoDbConnection.connect();
    MongoCollection<Document> collection = database.getCollection();

    Document filter = new Document("id", customerId);
    collection.deleteOne(filter);
}
```

_id: ObjectId('65adc3b61b30b083d70fa33b')
id: 1722582317
fullname: "Stefany Díaz"
email: "stefany132005@gmail.com"
address: "Quito"
phone: "0902140026"