

School of Engineering & Technology	
Department: SOET	Session: 2025-26
Programme: B.Tech. , BCA, BSc.	Semester: 3rd
Course Code: ENCS201, ENCA 203, ENBC205	Number of students:
Course Name: Java Programming	Faculty: Dr. Manish Kumar

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COURSE - B.TECH CSE
(UI/UX)

JAVA PROGRAMMING

CODE:

```
.mport java.util.InputMismatchException;
class Account {
   private String email;
   private String phoneNumber;
email, String phoneNumber) {
       this.accountHolderName = accountHolderName;
   public void deposit(double amount) {
   public void withdraw(double amount) {
String.format("%.2f", this.balance) + " in your account.");
```

```
System.out.println("Remaining balance is now: $" + String.format("%.2f",
    public void displayAccountDetails() {
       System.out.println("Phone Number: " + this.phoneNumber);
    public void updateContactDetails(String email, String phoneNumber) {
public class BankingApplication {
       Scanner scanner = new Scanner(System.in);
                       performDeposit(scanner);
                        performWithdrawal(scanner);
```

```
showAccountDetails(scanner);
                        updateContact(scanner);
Goodbye!");
between 1 and 6.");
    public static void printMenu() {
        System.out.println("4. View account details");
```

```
} catch (InputMismatchException e) {
                scanner.nextLine();
phone);
nextAccountNumber);
            if (accounts[i].getAccountNumber() == accountNumber) {
    public static void performDeposit(Scanner scanner) {
        } catch (InputMismatchException e) {
            scanner.nextLine();
   public static void performWithdrawal(Scanner scanner) {
```

```
Account account = findAccount(accNum);
            System.out.print("Enter amount to withdraw: ");
    } catch (InputMismatchException e) {
       scanner.nextLine();
public static void showAccountDetails(Scanner scanner) {
    } catch (InputMismatchException e) {
       scanner.nextLine();
public static void updateContact(Scanner scanner) {
            account.updateContactDetails(newEmail, newPhone);
```

```
scanner.nextLine();
}
}
```

OUTPUTS:

For option 1;

```
====== Welcome to the Banking Application! ======

1. Create a new account

2. Deposit money

3. Withdraw money

4. View account details

5. Update contact details

6. Exit
Enter your choice: 1

--- Create New Account ---
Enter account holder name: KRISH
Enter initial deposit amount: 10000
Enter email address: KRISH@GMAIL.COM
Enter phone number: 9873123485

Account created successfully with Account Number: 1001
```

For option 2;

```
====== Welcome to the Banking Application! ======

1. Create a new account

2. Deposit money

3. Withdraw money

4. View account details

5. Update contact details

6. Exit
Enter your choice: 2

Enter account number to deposit into: 1001
Enter amount to deposit: 20000
Deposit of $20000.00 was successful.
Current balance is now: $30000.00
```

For option 3;

===== Welcome to the Banking Application! ===== 1. Create a new account 2. Deposit money 3. Withdraw money 4. View account details 5. Update contact details 6. Exit Enter your choice: 3 Enter account number to withdraw from: 1001 Enter amount to withdraw: 10000 Withdrawal of \$10000.00 was successful. Remaining balance is now: \$20000.00

For option 4;

```
===== Welcome to the Banking Application! ======
1. Create a new account
2. Deposit money
3. Withdraw money
4. View account details
5. Update contact details
6. Exit
Enter your choice: 4
Enter account number to view details: 1001
--- Account Details ---
Account Number: 1001
Account Holder Name: KRISH
Balance: $20000.00
Email: KRISH@GMAIL.COM
Phone Number: 9873123485
```

For option 5;

```
====== Welcome to the Banking Application! ======

1. Create a new account

2. Deposit money

3. Withdraw money

4. View account details

5. Update contact details

6. Exit
Enter your choice: 5

Enter account number to update details: 1001
Enter new email address: krishshokeen55@gmail.com
Enter new phone number: 123456790
Contact details updated successfully.
```

For option 6;

```
====== Welcome to the Banking Application! ======

1. Create a new account

2. Deposit money

3. Withdraw money

4. View account details

5. Update contact details

6. Exit

Enter your choice: 6

Thank you for using the Banking Application. Goodbye!
```