**JAVA PROGRAMMING FOR ATM FUNCTIONS:**

import java.util.Scanner;

public class ATM {

private static double balance = 1000; // Initial balance

public static void main(String[] args) {

Scanner scanner = new Scanner(System.in);

while (true) {

System.out.println("1. Check Balance");

System.out.println("2. Deposit");

System.out.println("3. Withdraw");

System.out.println("4. Exit");

System.out.print("Enter your choice: ");

int choice = scanner.nextInt();

switch (choice) {

case 1:

checkBalance();

break;

case 2:

deposit(scanner);

break;

case 3:

withdraw(scanner);

break;

case 4:

System.out.println("Thank you for using our ATM. Goodbye!");

System.exit(0);

break;

default:

System.out.println("Invalid choice. Please try again.");

}

}

}

public static void checkBalance()

{

System.out.println("Your balance is: $" + balance);

}

public static void deposit(Scanner scanner) {

System.out.print("Enter amount to deposit: ");

double amount = scanner.nextDouble();

if (amount <= 0) {

System.out.println("Invalid amount.");

}

Else

{

balance += amount;

System.out.println("Deposit successful. Your new balance is: $" + balance);

}

}

public static void withdraw(Scanner scanner)

{

System.out.print("Enter amount to withdraw: ");

double amount = scanner.nextDouble();

if (amount <= 0 || amount > balance) {

System.out.println("Invalid amount or insufficient funds.");

}

else

{

balance -= amount;

System.out.println("Withdrawal successful. Your new balance is: $" + balance);

}

}

}