Main.java

```java
public class PrimeChecker {
    public static void main(String[] args) {
        System.out.println(SumPrime(2, 3));   // true
        System.out.println(SumPrime(7, 11));  // true
        System.out.println(SumPrime(3, 7));   // false
        System.out.println(SumPrime(8, 11));  // false
    }

    public static boolean isPrime(int num) {
        if (num <= 1) {
            return false;
        }
        for (int i = 2; i <= Math.sqrt(num); i++) {
            if (num % i == 0) {
                return false;
            }
        }
        return true;
    }

    public static boolean SumPrime(int a, int b) {
        boolean isAPrime = isPrime(a);
        boolean isBPrime = isPrime(b);

        if (isAPrime && isBPrime) {
            int sum = a + b;
            return isPrime(sum);
        } else {
            return false;
        }
    }
}
```

Main.java

```java
public class StringTimes {
    public static void main(String[] args) {
        System.out.println(stringTimes("Hi", 2));  // "HiHi"
        System.out.println(stringTimes("Hi", 3));  // "HiHiHi"
        System.out.println(stringTimes("Hi", 1));  // "Hi"
    }

    public static String stringTimes(String str, int n) {
        StringBuilder result = new StringBuilder();

        for (int i = 0; i < n; i++) {
            result.append(str);
        }

        return result.toString();
    }
}
```

Main.java

```java
import java.util.Scanner;
public class ZeroConverter {
    static void pos(int n) {
        if (n == 0) {
            System.out.println("already Zero");
        } else {
            for (int i = n - 1; i >= 0; i--) {
                System.out.print(i + " ");
            }
            System.out.println();
        }
    }
    static void neg(int n) {
        for (int i = n; i <= 0; i++) {
            System.out.print(i + " ");
        }
        System.out.println();
    }
    public static void main(String[] args) {
        Scanner scanner = new Scanner(System.in);

        System.out.print("Enter number of test cases: ");
        int t = scanner.nextInt();

        for (int i = 0; i < t; i++) {
            System.out.print("Enter the value of n: ");
            int n = scanner.nextInt();

            if (n >= 0) {
                pos(n);
            } else {
                neg(n);
            }
        }
    }
}
```

Main.java

```java
import java.util.Scanner;
public class ATMProgram {
    private static final int INITIAL_PIN = 1234;
    private static int balance = 0;
    private static int pinAttempts = 3;
    public static void main(String[] args) {
        Scanner scanner = new Scanner(System.in);
        System.out.print("Enter PIN: ");
        int enteredPin = scanner.nextInt();
        if (validatePin(enteredPin)) {
            int choice;
            do {
                displayMenu();
                System.out.print("Enter your choice: ");
                choice = scanner.nextInt();
                switch (choice) {
                    case 1:
                        System.out.print("Enter deposit amount: ");
                        int depositAmount = scanner.nextInt();
                        balance = deposit(depositAmount);
                        System.out.println("Total available balance: " + balance);
                        break;
                    case 2:
                        System.out.print("Enter withdrawal amount: ");
                        int withdrawalAmount = scanner.nextInt();
                        balance = withdraw(withdrawalAmount);
                        System.out.println("Total available balance: " + balance);
                        break;
                    case 3:
                        System.out.println("Balance enquiry: " + balance);
                        break;
                    case 4:
                        System.out.print("Enter new PIN: ");
                        int newPin = scanner.nextInt();
                        changePin(newPin);
```

```
                        System.out.println("PIN Change Successful!");
                        break;
                    case 5:
                        System.out.println("Exiting program. Thank you!");
                        break;

                    default:
                        System.out.println("Invalid choice. Please try again.");
                }
            } while (choice != 5);
        } else {
            System.out.println("Incorrect PIN. Exiting program.");
        }
    }
    private static void displayMenu() {
        System.out.println("\nOptions:");
        System.out.println("1. Deposit");
        System.out.println("2. Withdraw");
        System.out.println("3. Balance enquiry");
        System.out.println("4. PIN change");
        System.out.println("5. Exit");
    }
    private static boolean validatePin(int enteredPin) {
        if (enteredPin == INITIAL_PIN) {
            return true;
        } else {
            pinAttempts--;
            if (pinAttempts > 0) {
                System.out.println("Incorrect PIN. " + pinAttempts + " attempts remaining.");
            } else {
                System.out.println("Incorrect PIN. Exiting program.");
            }
            return false;
        }
    }
    private static int deposit(int amount) {
        return balance + amount;
    }
    private static int withdraw(int amount) {
        if (amount <= balance) {
            return balance - amount;
        } else {
            System.out.println("Insufficient funds. Withdrawal failed.");
            return balance;
        }
    }
    private static void changePin(int newPin) {
        INITIAL_PIN = newPin;
    }
}
```

Main.java

```
import java.util.Scanner;

public class SeriesGenerator {
    public static void main(String[] args) {
        Scanner scanner = new Scanner(System.in);

        System.out.print("Enter the number of queries (q): ");
        int q = scanner.nextInt();

        for (int i = 0; i < q; i++) {
            System.out.println("Enter query " + (i + 1) + " (a b n): ");
            int a = scanner.nextInt();
            int b = scanner.nextInt();
            int n = scanner.nextInt();

            printSeries(a, b, n);
        }
    }

    public static void printSeries(int a, int b, int n) {
        int result = a;

        for (int i = 0; i < n; i++) {
            result += Math.pow(2, i) * b;
            System.out.print(result + " ");
        }

        System.out.println();
    }
}
```