

# How to Write, Compile, and Run Java Programs on Mobile

## For Android Students

### 1. Install an App

- Open Google Play Store.
- Search “**Jvdroid – Java IDE**” (best free Java app).
- Install it.

### 2. Open the App

- You will see an editor screen.

### 3. Type Your First Program

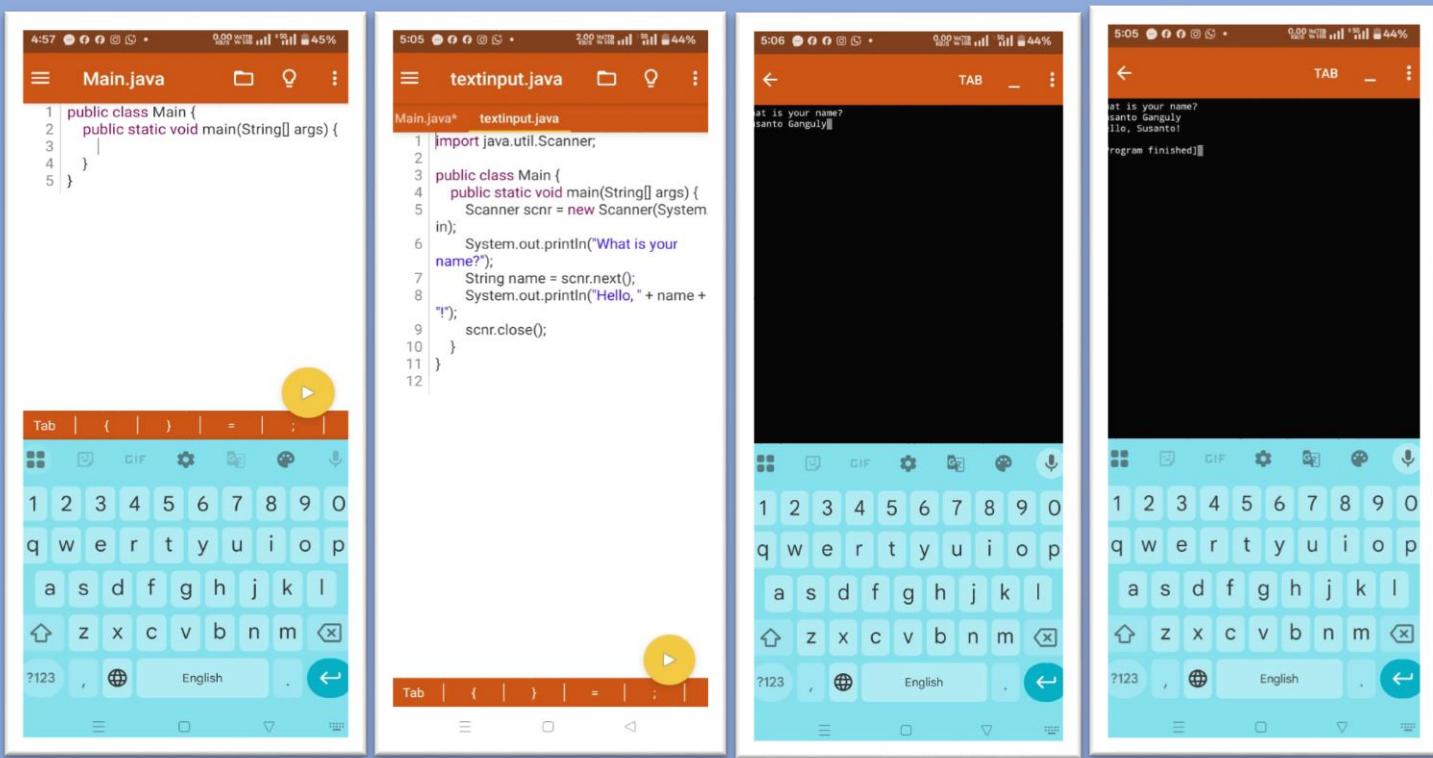
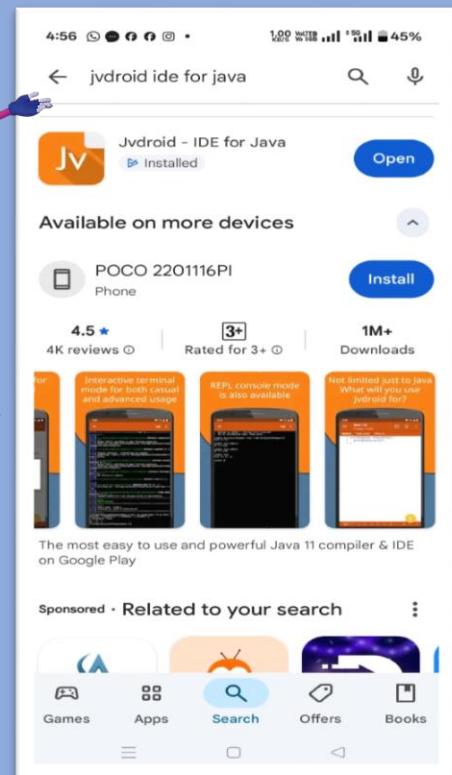
```
4. class Hello {  
5.     public static void main(String[] args) {  
6.         System.out.println("Hello, Java from Mobile!");  
7.     }  
8. }
```

### 9. Run the Program

- Press the ► Run button (triangle shape).
- Output will appear at the bottom.

### 10. Common Tips

- Use { } brackets carefully.
- Always end a line with ;
- Save your work in the app.



## ● For iPhone (iOS) Students

### 1. Install an App

- Open **App Store**.
- Search “Java N-IDE” or “Programming Hub”.
- Install it.

### 2. Open the App

- Tap **New Project → Java**.

### 3. Write a Program

```
4. class Hello {  
5.     public static void main(String[] args) {  
6.         System.out.println("Hello, Java from iPhone!");  
7.     }  
8. }
```

### 9. Run the Program

- Tap the **Run button**.
- Output will show on screen.

## □ General Rules for All Students

- Always write programs inside a **class**.
- The main method must be:
- `public static void main(String[] args)`
- Output comes using:
- `System.out.println("Your Text");`
- If you see an **error message**, read it slowly → usually a spelling mistake, missing ;, or wrong brackets.

## ✓ Practice Plan on Mobile

- First run **Hello Java**.
- Then type the **20 beginner programs** (from earlier).
- Change the numbers and see how the output changes.

☞ This way, students can **learn Java fully on mobile** without a computer.

Would you like me to also create a **one-page printable handout (PDF style)** with these steps (with screenshots for Android + iPhone apps), so you can distribute it in class?

Here's a **student-friendly guide** you can give directly to your class. It explains **how to write, compile, and run Java programs on mobile phones** step by step.

# 📱 How to Run Java Programs on Mobile (Android & iPhone)

## □ For Android Students

### 1. Install an App

- Open **Google Play Store**.
- Search and install “**Jvdroid – Java IDE**” (free and easy).

### 2. Open the App

- You will see an editor screen (like a notebook).

### 3. Type Your First Program

```
4. class Hello {  
5.     public static void main(String[] args) {  
6.         System.out.println("Hello, Java from Mobile!");  
7.     }  
8. }
```

### 9. Run the Program

- Tap the **► Run button** (triangle).
- Your output will appear at the bottom.

## ● For iPhone (iOS) Students

### 1. Install an App

- Open **App Store**.
- Search and install “**Programming Hub**” or “**Java N-IDE**”.

### 2. Open the App

- Create a new Java file/project.

### 3. Write the Program

```
4. class Hello {  
5.     public static void main(String[] args) {  
6.         System.out.println("Hello, Java from iPhone!");  
7.     }  
8. }
```

### 9. Run the Program

- Tap the **Run button**.
- Output will show on the screen.

## □ Rules to Remember (For All Students)

- Every Java program must be inside a **class**.

- Always include the **main** method:
- `public static void main(String[] args)`
- Use **System.out.println("Text")**; to print output.
- End each line with a **semicolon (;**).
- If an error comes:
  - Check spelling
  - Check { } brackets
  - Check missing ;

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## ✓ Practice Plan on Mobile

- Step 1: First run **Hello Java**.
- Step 2: Then try the **20 simple programs** (name, bio-data, add, subtract, etc.).
- Step 3: Change the numbers in the program → see how output changes.
- Step 4: Try to type without looking at the notebook.