

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

□ For Android Students

1. Install an App

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

2. Open the App

- You will see an editor screen.

3. Type Your First Program

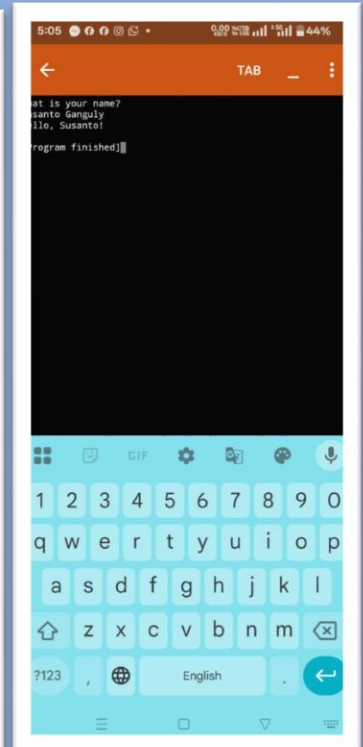
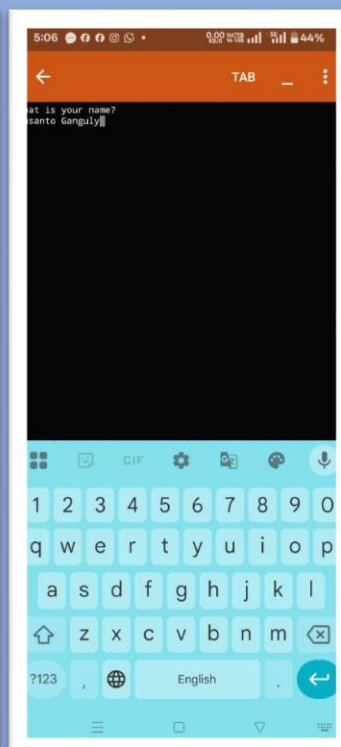
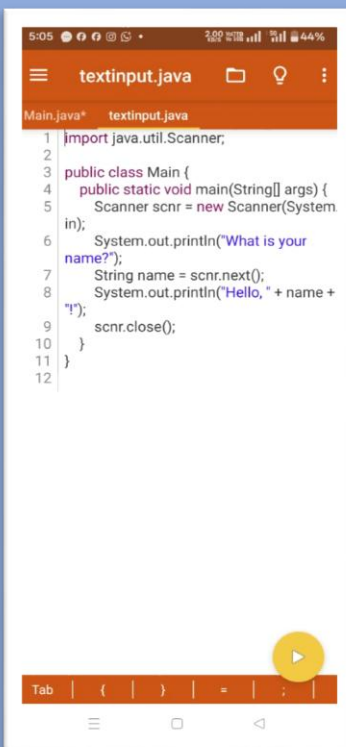
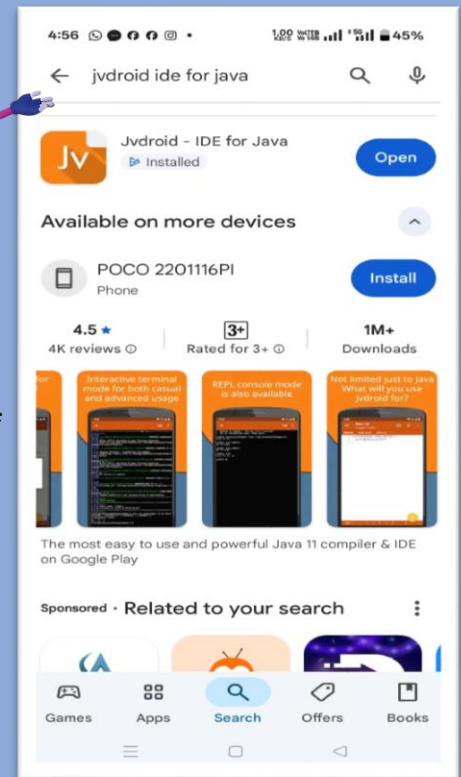
```
4. class Hello {  
5.     public static void main(String[] args) {  
6.         System.out.println("Hello, Java from Mobile!");  
7.     }  
8. }
```

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 “**Jvroid – 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 ;
-

✓ 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.