

**Turiba University**

**LAUNCE MADNAWAT**

**HISTORY OF PROGRAMMING**

**PROFESSIONAL BACHELOR THESIS**

**computer systems**

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## What is IntelliJ IDEA?



- IntelliJ IDEA is a powerful Integrated Development Environment (IDE) developed by JetBrains.
- It supports **Java**, **Kotlin**, **Groovy**, **Scala**, and many other languages.

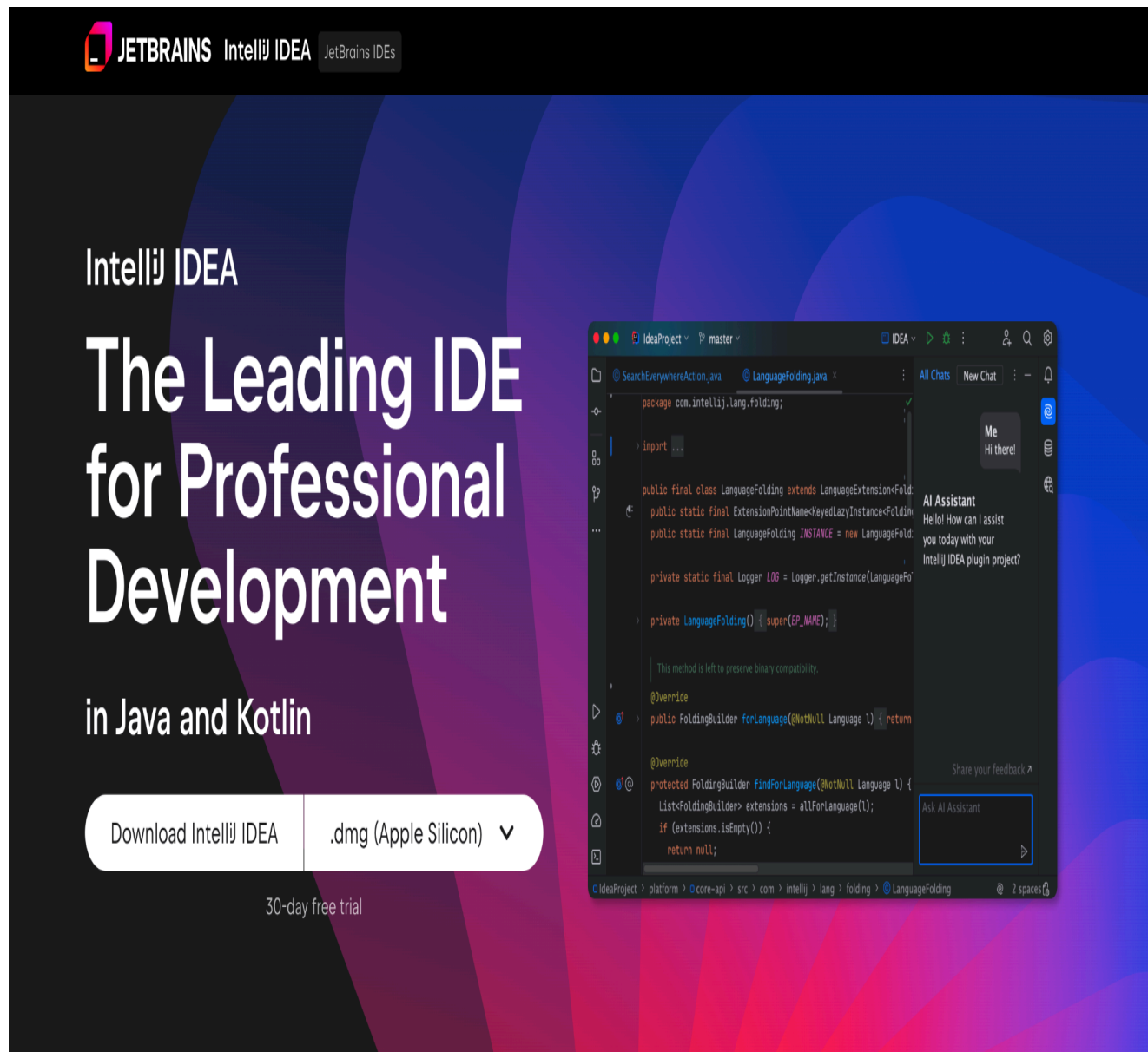
## System Requirements

### Minimum Requirements:

- Operating System: Windows, macOS or Linux
- RAM: 4 GB (Recommended 8 GB)
- Disk Space: at least 2.5 GB
- Java Development Kit (JDK): Necessary (installation can occur during setup)

## Step 1 – Go to the Official Website

- Go to your web browser.
- Check out the official JetBrains website:  
<https://www.jetbrains.com/idea/>
- Click on download button.



The screenshot shows the JetBrains IntelliJ IDEA website. At the top, there's a navigation bar with the JetBrains logo, 'IntelliJ IDEA', and a 'JetBrains IDEs' button. The main content area features the text 'IntelliJ IDEA' in a smaller font, followed by 'The Leading IDE for Professional Development' in a large, bold, white font. Below this, it says 'in Java and Kotlin'. At the bottom left, there's a 'Download IntelliJ IDEA' button and a dropdown menu showing '.dmg (Apple Silicon)'. Below the download button, it says '30-day free trial'. On the right side, there's a preview of the IntelliJ IDEA IDE interface, showing a code editor with Java code, a sidebar with 'All Chats' and 'New Chat' buttons, and an 'AI Assistant' chat window.

JETBRAINS IntelliJ IDEA JetBrains IDEs

IntelliJ IDEA

# The Leading IDE for Professional Development

in Java and Kotlin

Download IntelliJ IDEA .dmg (Apple Silicon) ▼

30-day free trial

IDEA v2023.2 master

```
package com.intellij.lang.folding;

import ...

public final class LanguageFolding extends LanguageExtensionFold...
public static final ExtensionPointName<KeyedLazyInstance<Foldin...
public static final LanguageFolding INSTANCE = new LanguageFold...

private static final Logger LOG = Logger.getInstance(LanguageFo...

private LanguageFolding() { super(EP_NAME); }

This method is left to preserve binary compatibility.

@Override
public FoldingBuilder forLanguage(@NotNull Language l) { return

@Override
protected FoldingBuilder findForLanguage(@NotNull Language l) {
    List<FoldingBuilder> extensions = allForLanguage(l);
    if (extensions.isEmpty()) {
        return null;
    }
}
```

All Chats New Chat

Me  
Hi there!

AI Assistant  
Hello! How can I assist you today with your IntelliJ IDEA plugin project?

Share your feedback

Ask AI Assistant

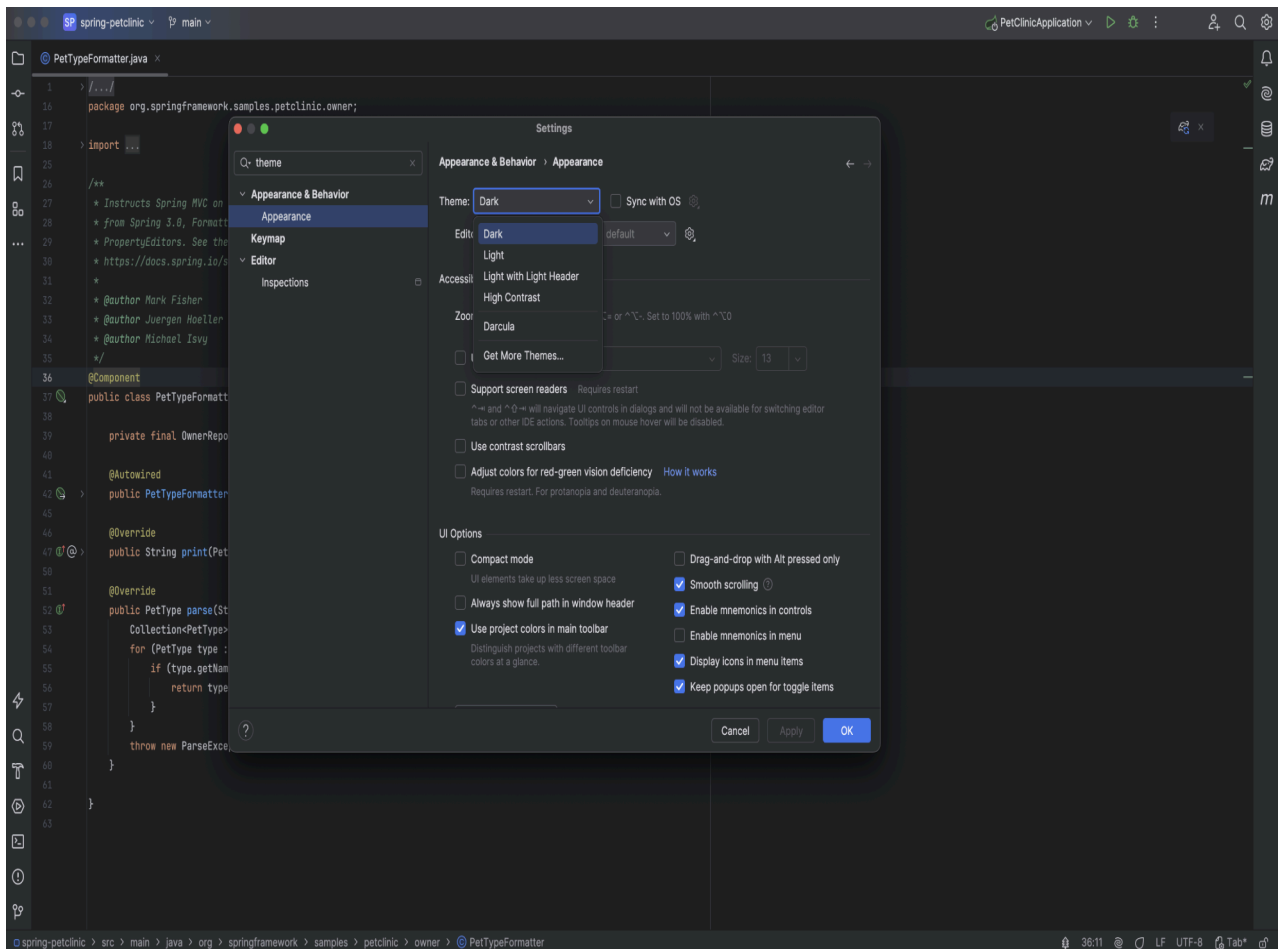
IdeaProject > platform > core-api > src > com > intellij > lang > folding > LanguageFolding 2 spaces

## Step 2 – Install IntelliJ IDEA

- Find the installer file in your computer that you downloaded.
- Start the installation process by double-clicking.
- Adhere to the configuration wizard:
  - Select installation path.
  - Click on Install.

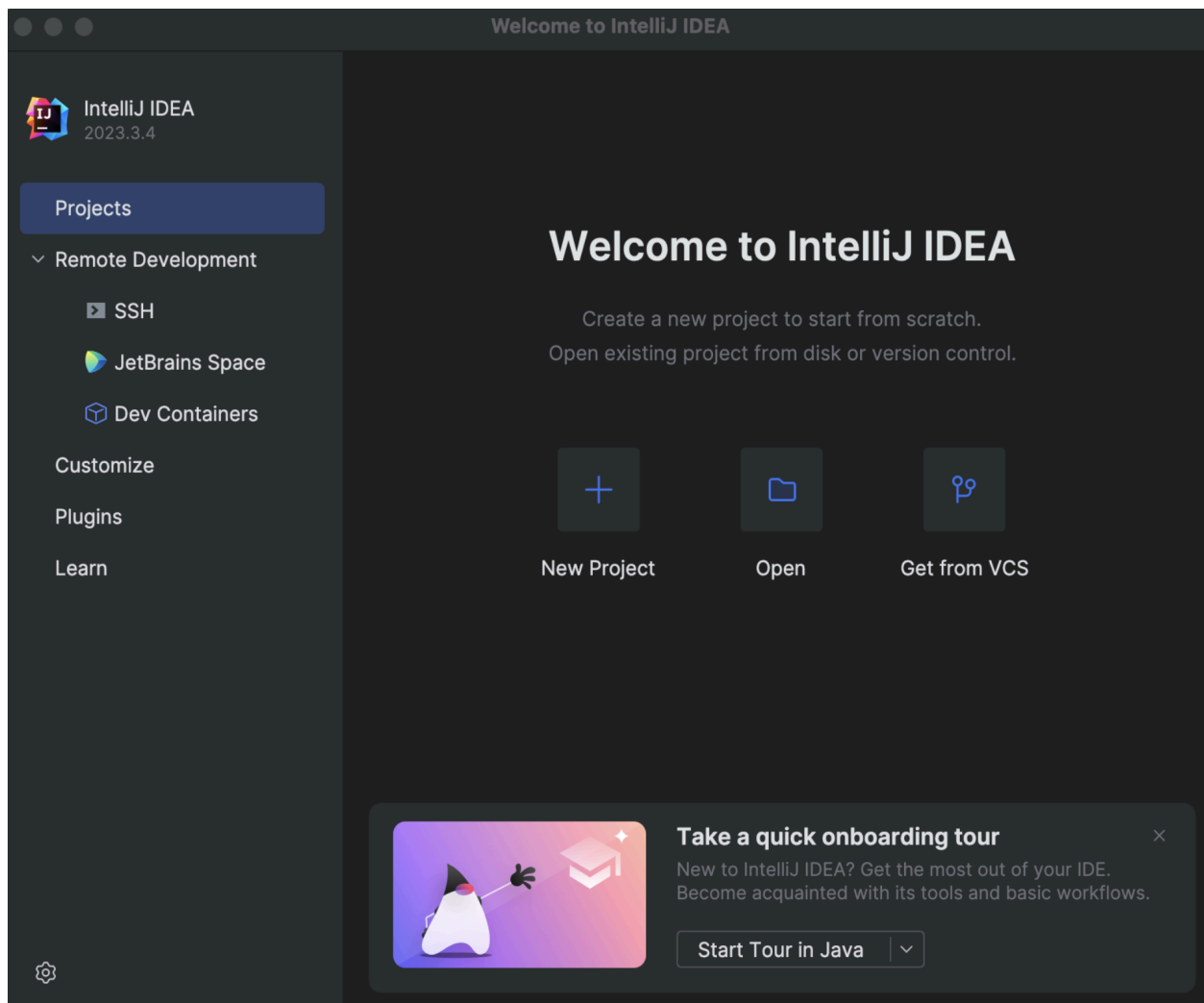
## Step 3– Launch IntelliJ IDEA

- Once installed, start IntelliJ IDEA.
- At the initial launch:
  - Select a UI theme (Light/Dark).
  - Set up the JDK if it's not installed yet.



## Step 4 –Create a New Project

- On the welcome screen, click on “New Project”.
- Choose project SDK (Java version).
- Select project name and site.
- Click on Finish button to and begin your coding journey.



# THANK YOU

"Eat. Sleep. Code. Repeat".

"Any fool can write code that a computer can understand. Good programmers write code that humans can understand."-Martin Fowler

```
226 fflush(stdin);
227 scanf("%[^\n]", R.note);
228 if(fwrite(&R, sizeof(R), 1, fp)){
229     gotoxy(5, 12);
230     puts("Note is saved successfully");
231     fclose(fp);
232 } else{
233     gotoxy(5, 12);
234     SetColor(12);
235     puts("\aFail to save!!\a");
236     ClearColor();
237 }
238 gotoxy(5, 15);
239 printf("Press any key.....");
240 getch();
fclose(fp);

printf("Error in saving the file\n");
while(fread(sizeof 1) != 1)
{
    gotoxy(10, 5+i);
    printf("Error Day = %d: %s\n", i, R.note);
    i++;
}
if(i % 10 == 0){
    gotoxy(10, 5);
    printf("This program contains no error\n");
}
gotoxy(10, 7+i);
printf("Press any key to back.....");
getch();
}

int main(){
    ClearConsoleToColors(15, 1);
    title("Project - Program")
}
```