

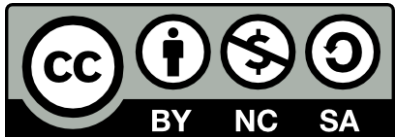
LP3L3 – Linguagem de Programação III

2020.2



Aula 02

Introdução às IDEs



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Aula de Hoje

- IDEs
- NetBeans
- Eclipse

IDE (Integrated Development Environment)

- Programa de computador;
- Fornece ferramentas de apoio para o desenvolvimento de aplicações:
- Desktop, mobile e web;
- NetBeans IDE/Eclipse IDE == Java IDE?
 - São muito mais que isso!!
 - Fornece suporte para diversas linguagens:
 - PHP, C/C++, JavaScript, python...

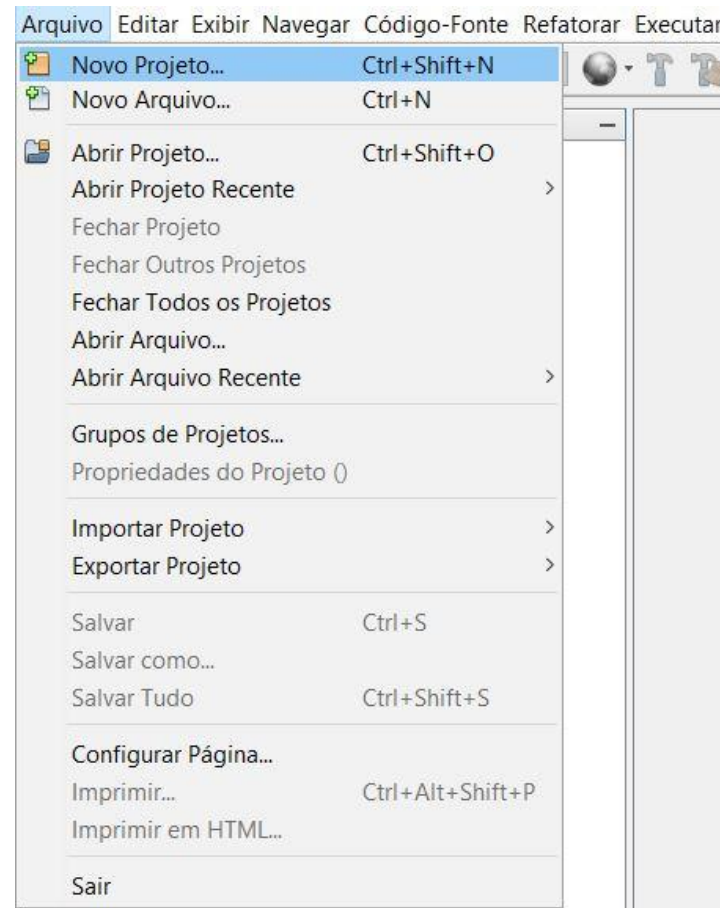


NetBeans



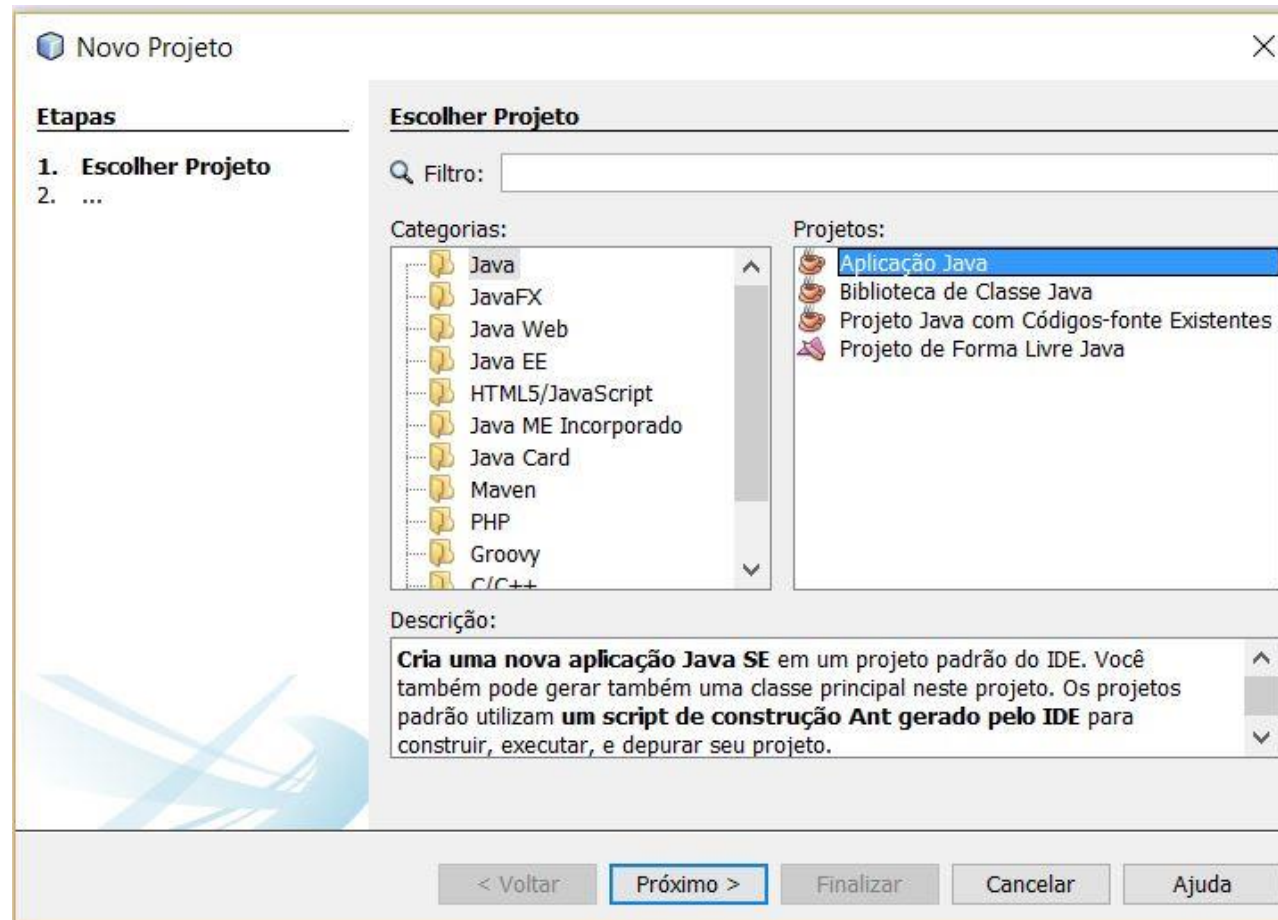
NetBeans

- Inicie o NetBeans;
- No IDE, acesso o menu Arquivo > Novo Projeto;



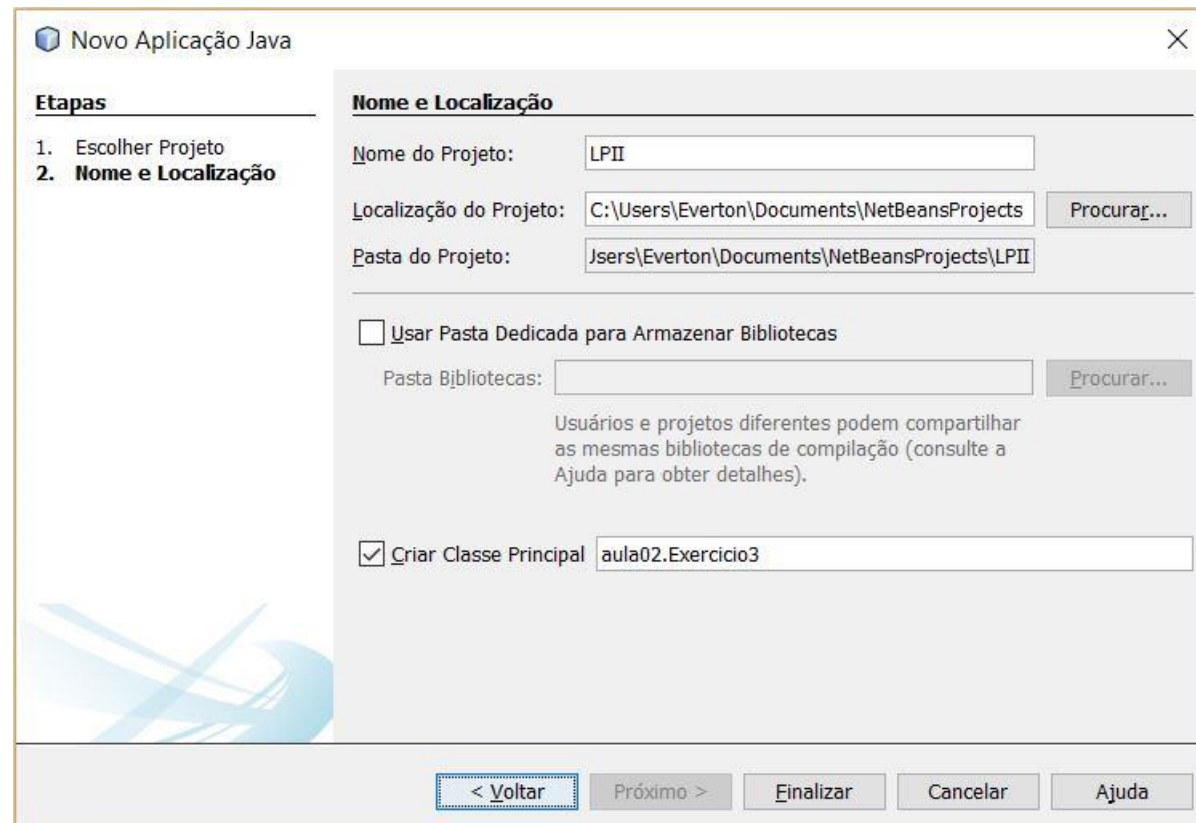
NetBeans

- Expanda a categoria Java e selecione Aplicação Java;
- Clique em próximo;



NetBeans

- Entre com o nome do projeto (Nome do Projeto);
- Criar Classe Principal: `nomedopacote.NomeDaClasse`;
- Clique em finalizar;



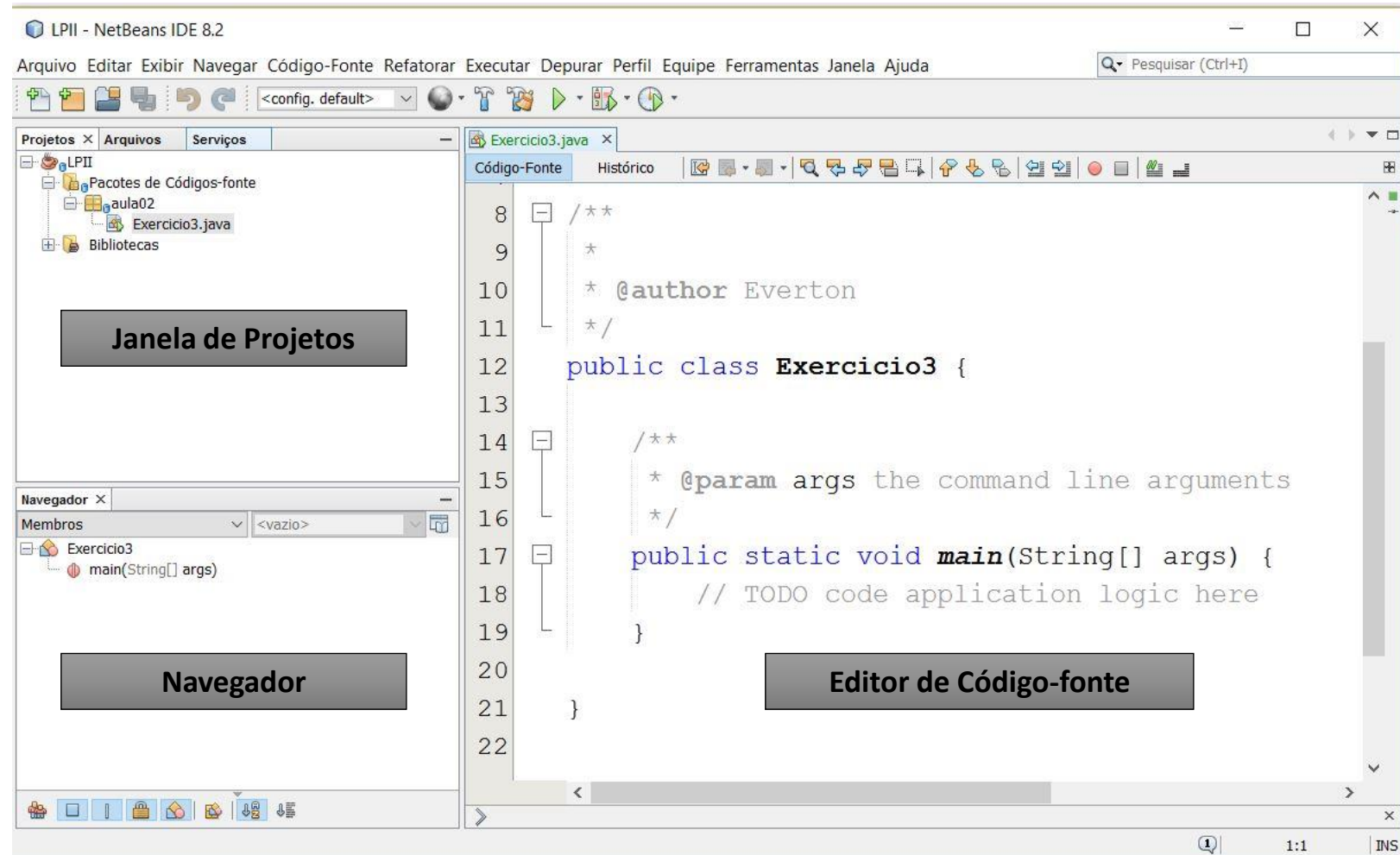
The screenshot shows the 'Novo Aplicação Java' (New Java Application) dialog box. On the left, under 'Etapas' (Steps), step 2 'Nome e Localização' is selected. The main area is titled 'Nome e Localização'. It contains the following fields and options:

- Nome do Projeto:** LPII
- Localização do Projeto:** C:\Users\Everton\Documents\NetBeansProjects (with a 'Procurar...' button)
- Pasta do Projeto:** Jsers\Everton\Documents\NetBeansProjects\LPII
- ☐ **Usar Pasta Dedicada para Armazenar Bibliotecas**
Pasta Bibliotecas: (empty field with a 'Procurar...' button)
- Below the library folder field, a note reads: 'Usuários e projetos diferentes podem compartilhar as mesmas bibliotecas de compilação (consulte a Ajuda para obter detalhes).'
- ☒ **Criar Classe Principal** aula02.Exercicio3

At the bottom, there are five buttons: '< Voltar' (disabled), 'Próximo >' (disabled), 'Finalizar', 'Cancelar', and 'Ajuda'.

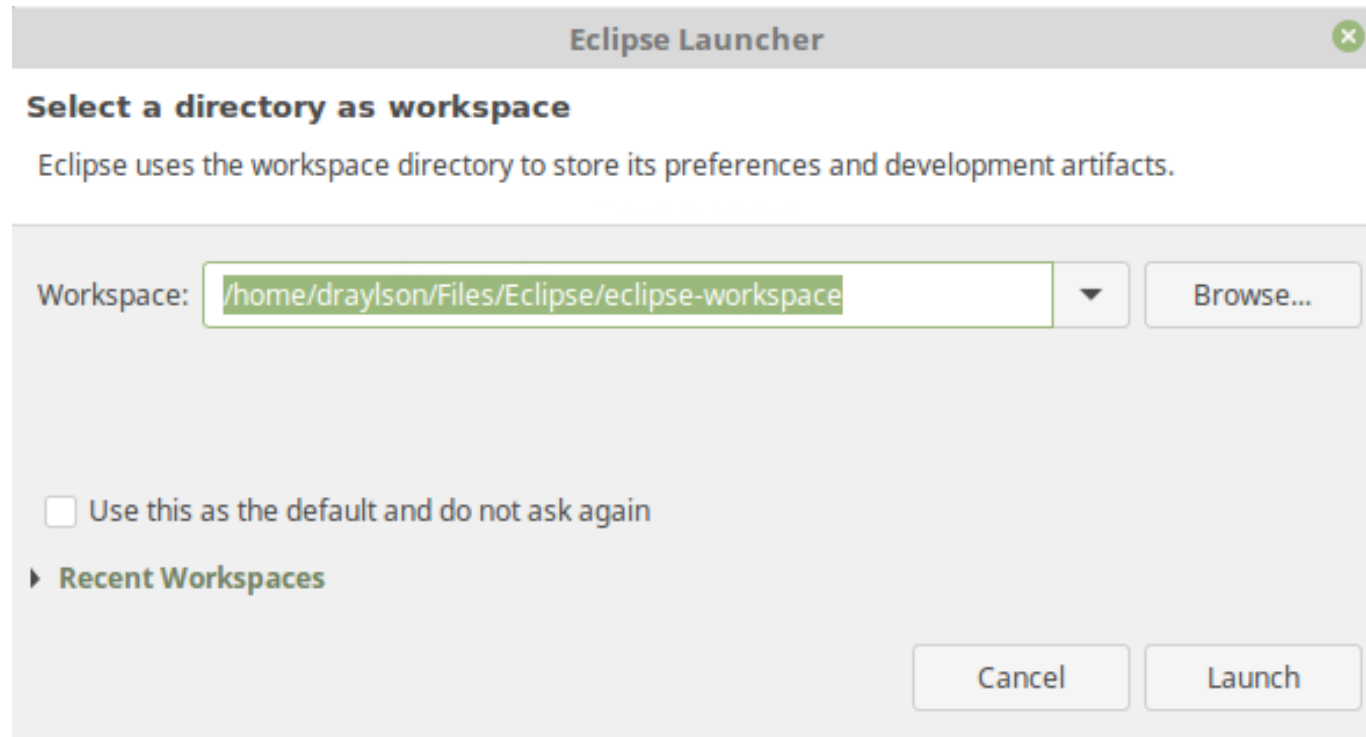
NetBeans

- O projeto é criado e aberto no IDE;



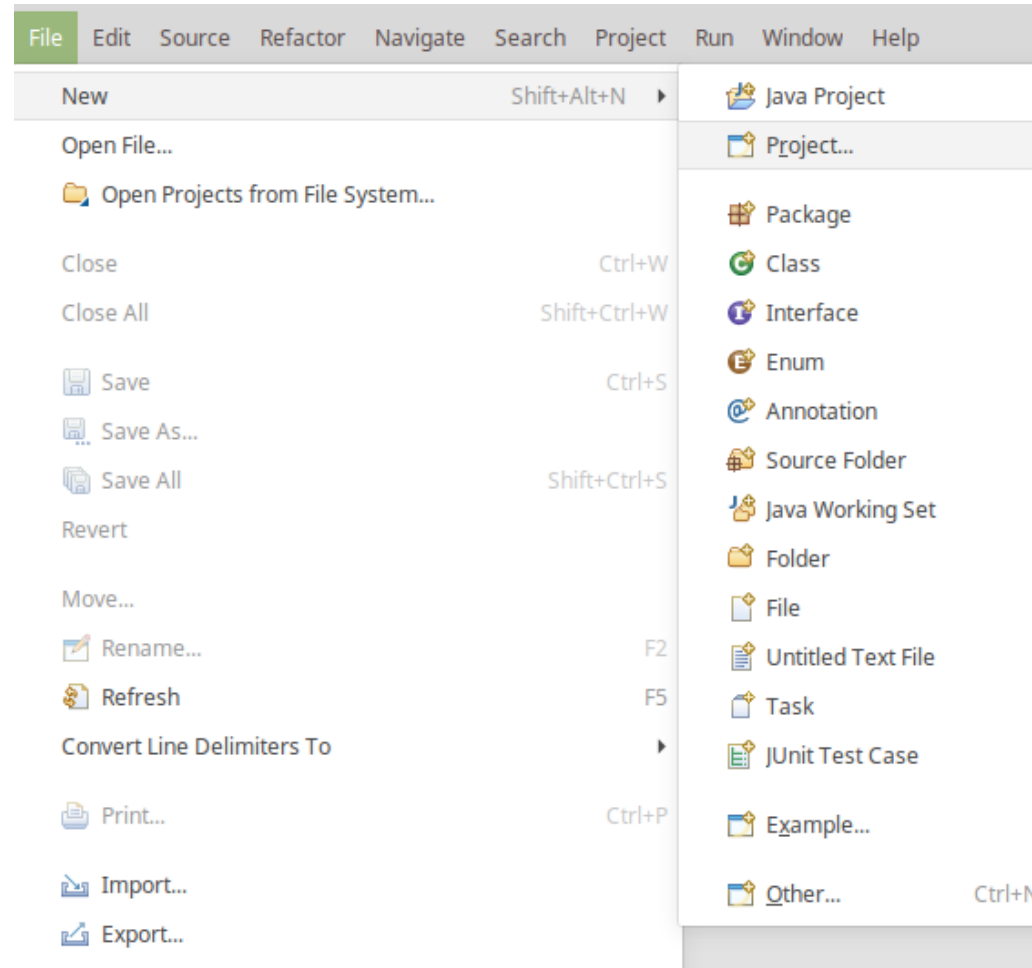
Eclipse

- Inicie o Eclipse;
- Escolha o diretório onde os projetos serão armazenados;
- Clique em Launch;



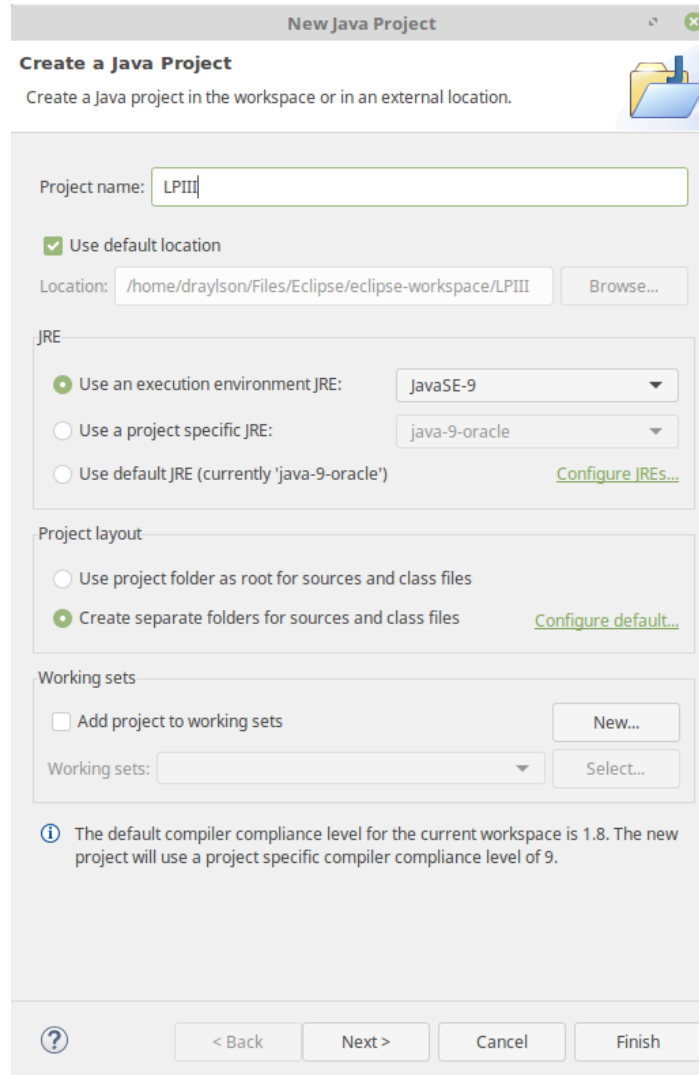
Eclipse

- No IDE, acesse o menu File > New > Java Project;



Eclipse

- Digite o nome do projeto;
- Clique em Finish;



The screenshot shows the 'New Java Project' dialog box in the Eclipse IDE. The title bar reads 'New Java Project'. Below the title bar, the text 'Create a Java Project' is followed by the instruction 'Create a Java project in the workspace or in an external location.' and a folder icon. The dialog is divided into several sections: 'Project name' with a text field containing 'LP111'; 'Use default location' which is checked, with a 'Location' field showing '/home/draylson/Files/Eclipse/eclipse-workspace/LP111' and a 'Browse...' button; 'JRE' section with three radio buttons: 'Use an execution environment JRE:' (selected) with a dropdown showing 'JavaSE-9', 'Use a project specific JRE:' with a dropdown showing 'java-9-oracle', and 'Use default JRE (currently 'java-9-oracle')' with a 'Configure JREs...' link; 'Project layout' section with two radio buttons: 'Use project folder as root for sources and class files' and 'Create separate folders for sources and class files' (selected) with a 'Configure default...' link; 'Working sets' section with an unchecked 'Add project to working sets' checkbox, a 'New...' button, a 'Working sets:' dropdown, and a 'Select...' button. At the bottom, there is an information icon and a message: 'The default compiler compliance level for the current workspace is 1.8. The new project will use a project specific compiler compliance level of 9.' The bottom of the dialog features a help icon, a '< Back' button, a 'Next >' button, a 'Cancel' button, and a 'Finish' button.

Create a Java Project
Create a Java project in the workspace or in an external location.

Project name: LP111

☒ Use default location
Location: /home/draylson/Files/Eclipse/eclipse-workspace/LP111 [Browse...](#)

JRE

☒ Use an execution environment JRE: JavaSE-9
☐ Use a project specific JRE: java-9-oracle
☐ Use default JRE (currently 'java-9-oracle') [Configure JREs...](#)

Project layout

☐ Use project folder as root for sources and class files
☒ Create separate folders for sources and class files [Configure default...](#)

Working sets

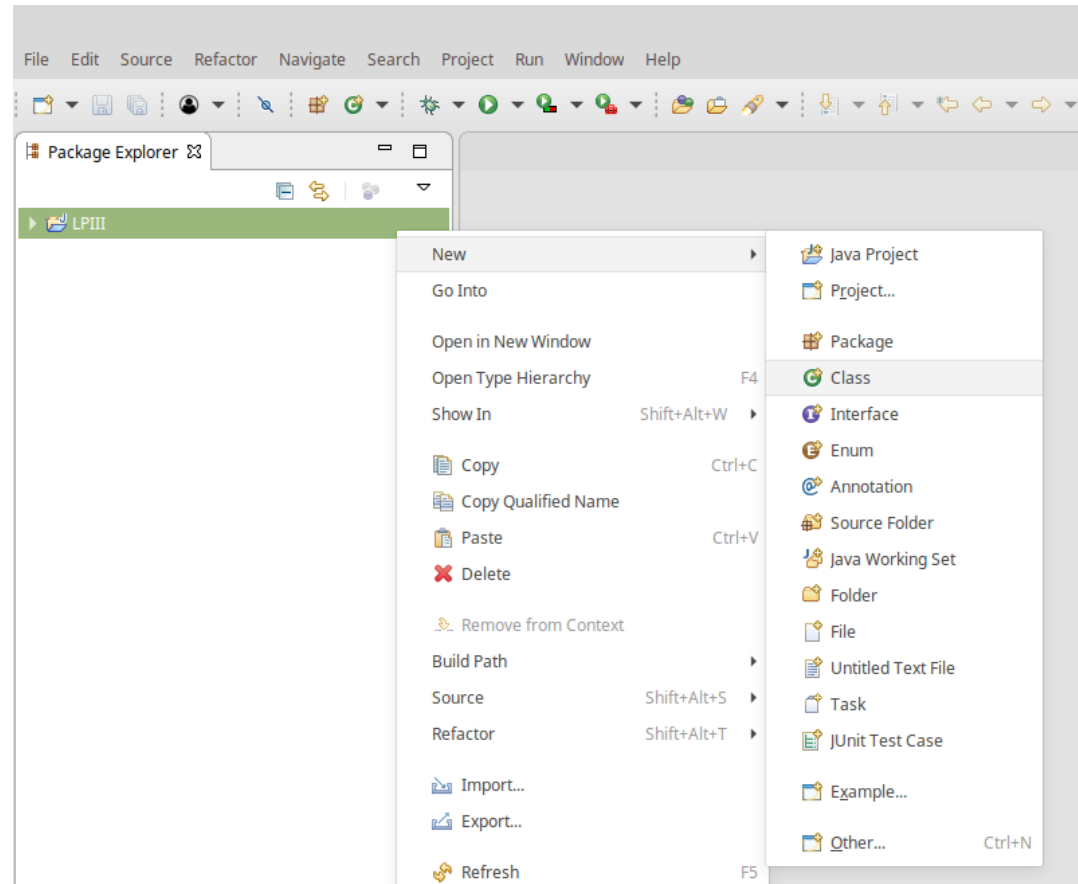
☐ Add project to working sets [New...](#)
Working sets: [Select...](#)

? The default compiler compliance level for the current workspace is 1.8. The new project will use a project specific compiler compliance level of 9.

[?](#) < Back Next > Cancel Finish

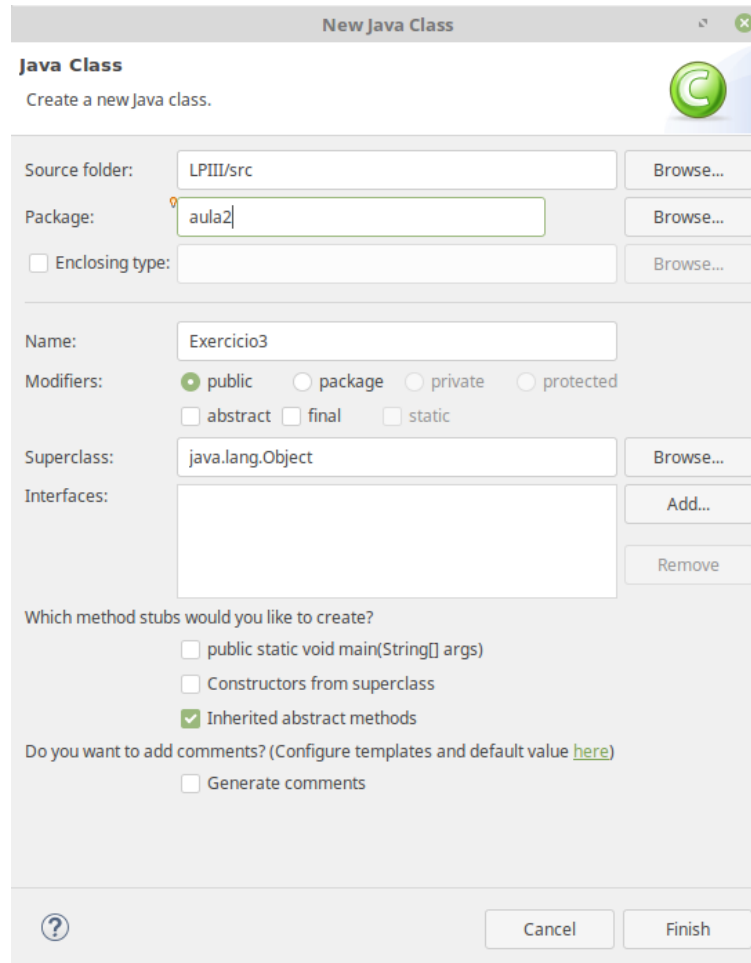
Eclipse

- Dê um clique direito no projeto;
- Acesse New > Class;



Eclipse

- Digite o nome da classe;
- Clique em Finish;



The screenshot shows the 'New Java Class' dialog box in the Eclipse IDE. The dialog is titled 'New Java Class' and has a 'Java Class' subtitle. It contains several input fields and checkboxes for configuring a new Java class.

Source folder: LPIII/src **Browse...**

Package: aula2 **Browse...**

☐ Enclosing type: **Browse...**

Name: Exercicio3

Modifiers: ☒ public ☐ package ☐ private ☐ protected
☐ abstract ☐ final ☐ static

Superclass: java.lang.Object **Browse...**

Interfaces: **Add...** **Remove**

Which method stubs would you like to create?

☐ public static void main(String[] args)

☐ Constructors from superclass

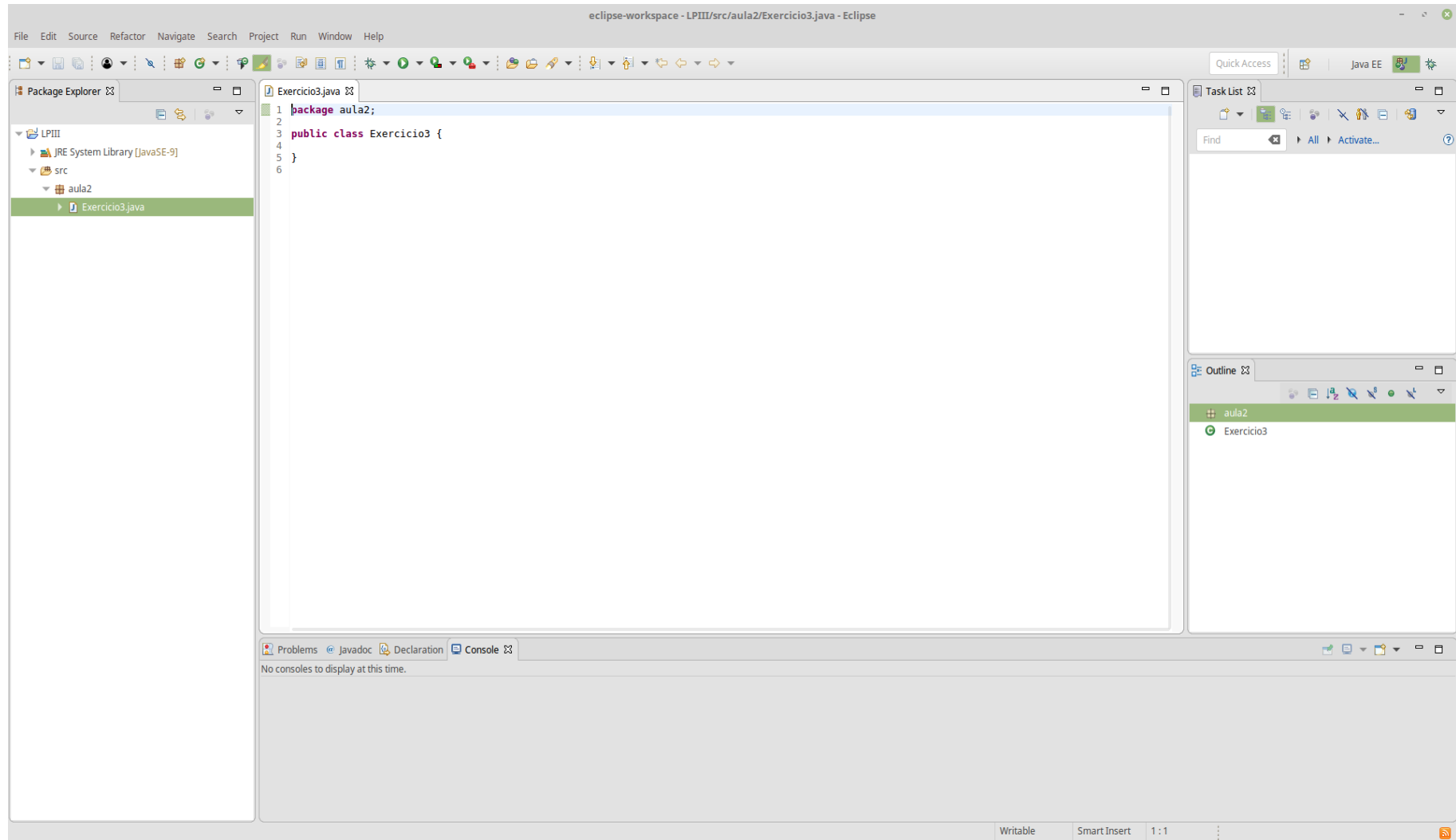
☒ Inherited abstract methods

Do you want to add comments? (Configure templates and default value [here](#))

☐ Generate comments

Buttons: **Cancel** **Finish**

Eclipse



Dúvidas?

