

Compte rendu

Mes premiers pas en Java

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1. Etape préalable

1.1 Installer la dernière version du JDK

Nous allons devoir télécharger un JDK. C'est un ensemble d'outils permettant de développer des applications en Java.

Nous commençons par installer le JDK en version 8 et en HotSpot.

Latest release

Build archive

Nightly builds

1. Choose a Version

☒ OpenJDK 8 (LTS)

☐ OpenJDK 9

☐ OpenJDK 10

☐ OpenJDK 11 (LTS)

☐ OpenJDK 12

☐ OpenJDK 13

☐ OpenJDK 14

☐ OpenJDK 15

☐ OpenJDK 16 (Latest)

2. Choose a JVM

[Help Me Choose](#)

☒ HotSpot

☐ OpenJ9

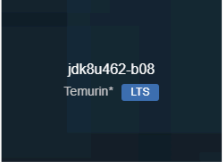



[All Release Notes](#)

Operating System:

Any

Architecture:

Any

	Linux glibc version 2.12 or higher	x64	Normal	 Please download this binary from adoptium.net going forwards.
				

1.2 Installer Eclipse

Ensuite nous allons installer le logiciel Eclipse IDE. Eclipse est un logiciel pour programmer en Java.

The screenshot shows the Eclipse Foundation website. The top navigation bar includes links for Projects, Working Groups, Members, and More. The main content area features a large banner for the Eclipse Installer 2025-09 R, highlighting that it now includes a JRE for macOS, Windows, and Linux. The banner also provides download links for various operating systems and architectures. Below the banner, there is a section for Eclipse IDE 2025-09 R Packages, which includes a link to the Eclipse IDE for Enterprise Java and Web Developers. The page also features a sidebar with related links and more downloads.

The Eclipse Foundation

Projects Working Groups Members More

Home / Downloads / Packages / Release / Eclipse IDE 2025-09 / R

Eclipse Installer Eclipse Packages

The Eclipse Installer 2025-09 R now includes a JRE for macOS, Windows and Linux.

Try the Eclipse Installer 2025-09 R

The easiest way to install and update your Eclipse Development Environment.

Find out more

181,870 Installer Downloads

86,817 Package Downloads and Updates

Download

macOS x86_64 | AArch64

Windows x86_64 | AArch64

Linux x86_64 | AArch64 | riscv64

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Eclipse IDE 2025-09 R Packages

Eclipse IDE for Enterprise Java and Web Developers

554 MB | 41,125 DOWNLOADS

Tools for developers working with Java and Web applications, including a Java IDE, tools for JavaScript, TypeScript, JavaServer Pages and Faces, Yarn, Markdown, Web Services, JPA and Data Tools, Maven and Gradle, Git, and more.

Click here to raise an issue with the Eclipse Web Tools Platform. Maintainers will move opened issues to the right place.

Click here to raise an issue with the Eclipse Platform.

Click here to raise an issue with Maven integration for web projects.

Click here to raise an issue with Eclipse Wild Web Developer (incubating).

Windows | x86_64 | AArch64

macOS x86_64 | AArch64

Linux x86_64 | AArch64 | riscv64

RELATED LINKS

- Compare & Combine Packages
- New and Noteworthy
- Documentation
- Updating Eclipse
- Simultaneous Release
- Eclipse Foundation Chat
 - Eclipse IDE General
 - Eclipse IDE Newcomers
- Contributing to the Eclipse IDE

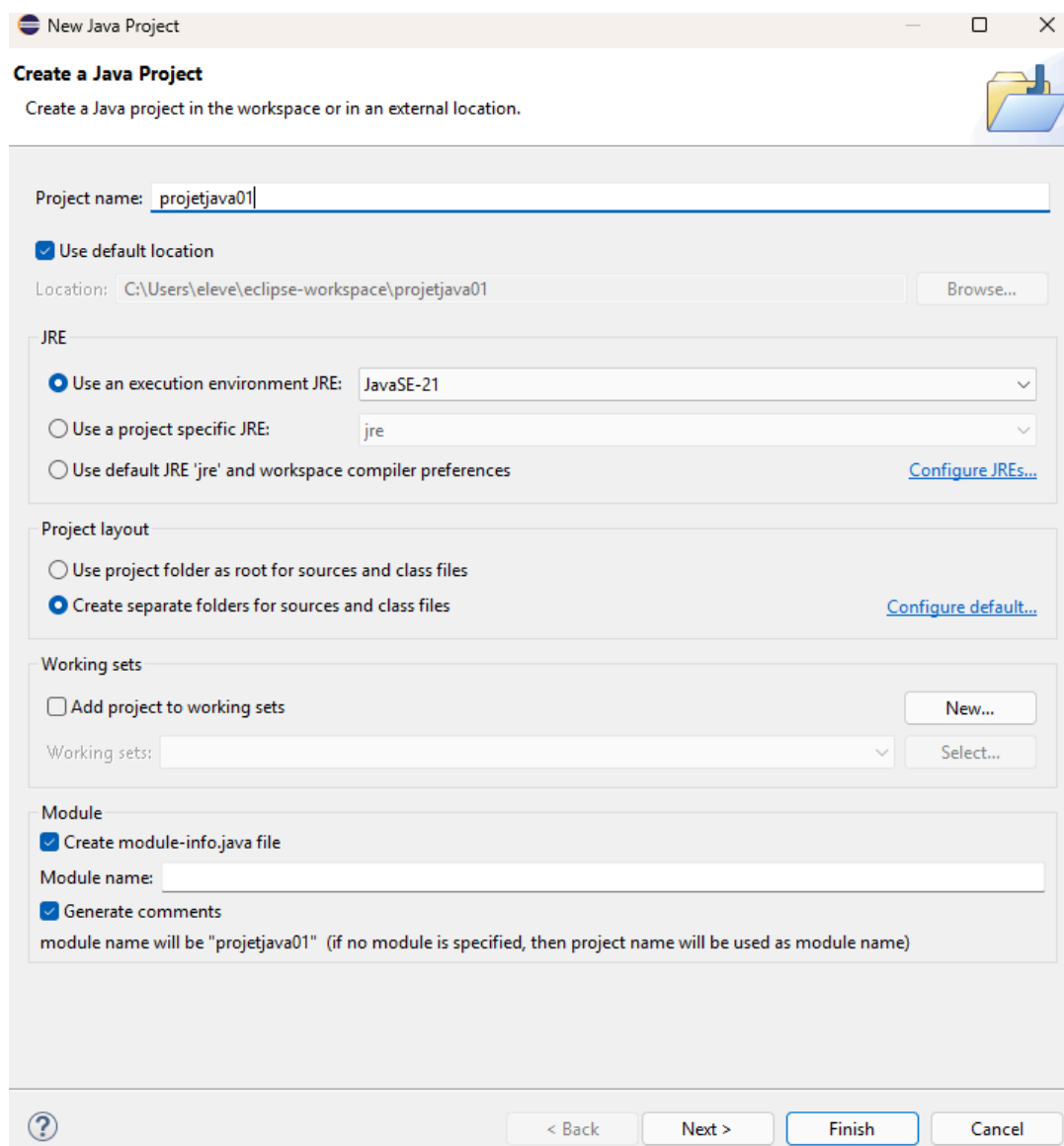
MORE DOWNLOADS

- Eclipse 2025-06 (4.36)
- Eclipse 2025-03 (4.35)
- Eclipse 2024-12 (4.34)

2 Créer un programme en Java

2.2 Créer un nouveau projet Java

Une fois eclipse installé, je créer un nouveau projet.



The screenshot shows the 'New Java Project' dialog box in the Eclipse IDE. The title bar reads 'New Java Project'. The main heading is 'Create a Java Project', 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:** A text field containing 'projetjava01'.
- Use default location:** A checked checkbox. Below it, the 'Location:' field shows 'C:\Users\eleve\eclipse-workspace\projetjava01' with a 'Browse...' button.
- JRE:** A section with three radio buttons:
 - ☒ Use an execution environment JRE: A dropdown menu showing 'JavaSE-21'.
 - ☐ Use a project specific JRE: A dropdown menu showing 'jre'.
 - ☐ Use default JRE 'jre' and workspace compiler preferences. A link 'Configure JREs...' is to the right.
- Project layout:** A section with two radio buttons:
 - ☐ Use project folder as root for sources and class files.
 - ☒ Create separate folders for sources and class files. A link 'Configure default...' is to the right.
- Working sets:** A section with a checkbox 'Add project to working sets' and a 'New...' button. Below, a 'Working sets:' dropdown menu and a 'Select...' button.
- Module:** A section with a checked checkbox 'Create module-info.java file'. Below it, a 'Module name:' text field. Another checked checkbox 'Generate comments' is present, with a note below: 'module name will be "projetjava01" (if no module is specified, then project name will be used as module name)'.

At the bottom, there is a help icon (question mark), and four buttons: '< Back', 'Next >', 'Finish' (highlighted in blue), and 'Cancel'.

2.3 Créer une classe main

Donnons un nom à notre projet, il ne faut pas oublier de sélectionner “public static void main...”

Cela nous permettra d'exécuter le programme.

New Java Class

Java Class

Type name is discouraged. By convention, Java type names usually start with an uppercase letter

Source folder:

Package:

☐ Enclosing type:

Name:

Modifiers: ☒ public ☐ package ☐ private ☐ protected
☐ abstract ☐ final ☐ static
☒ none ☐ sealed ☐ non-sealed ☐ final

Superclass:

Interfaces:

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

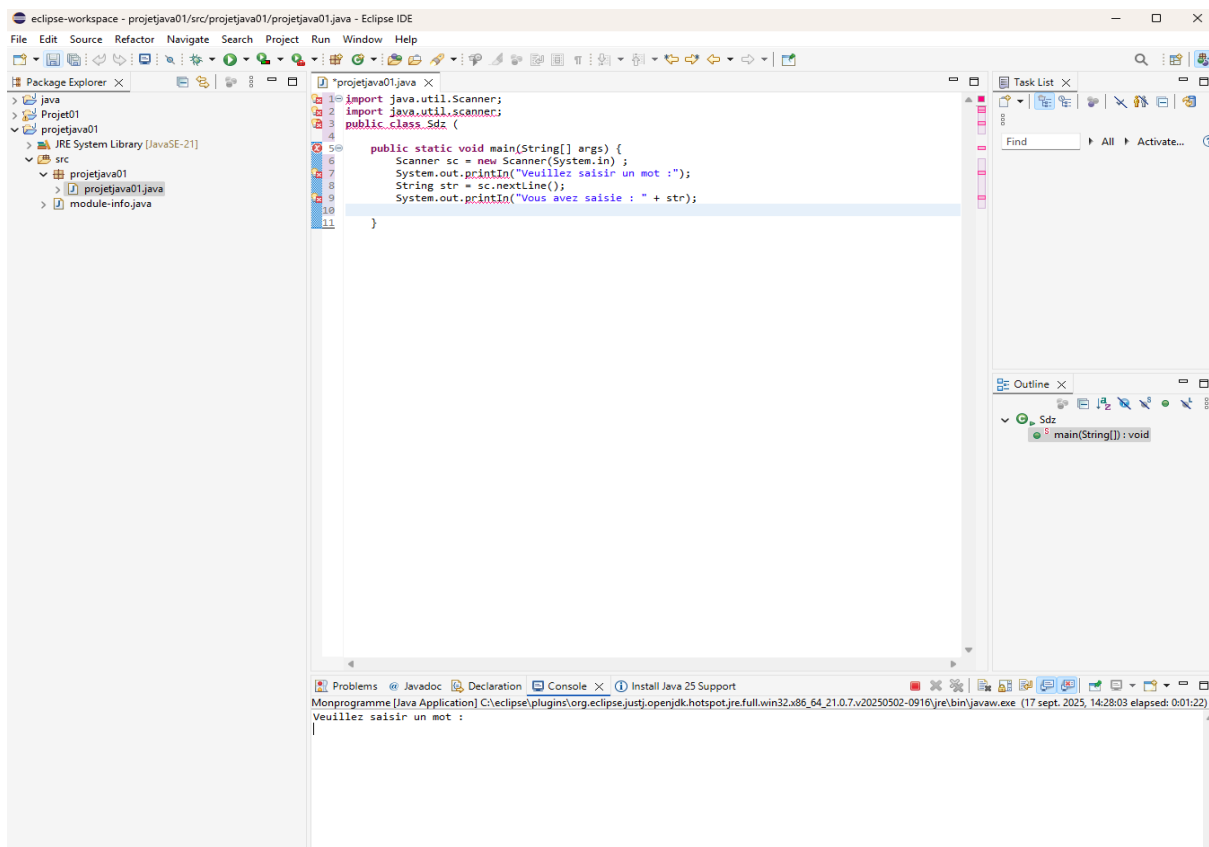
3 Correspondance ALGO/Java

3.1 Les variables

Exercice non réalisable, absence ce jour.

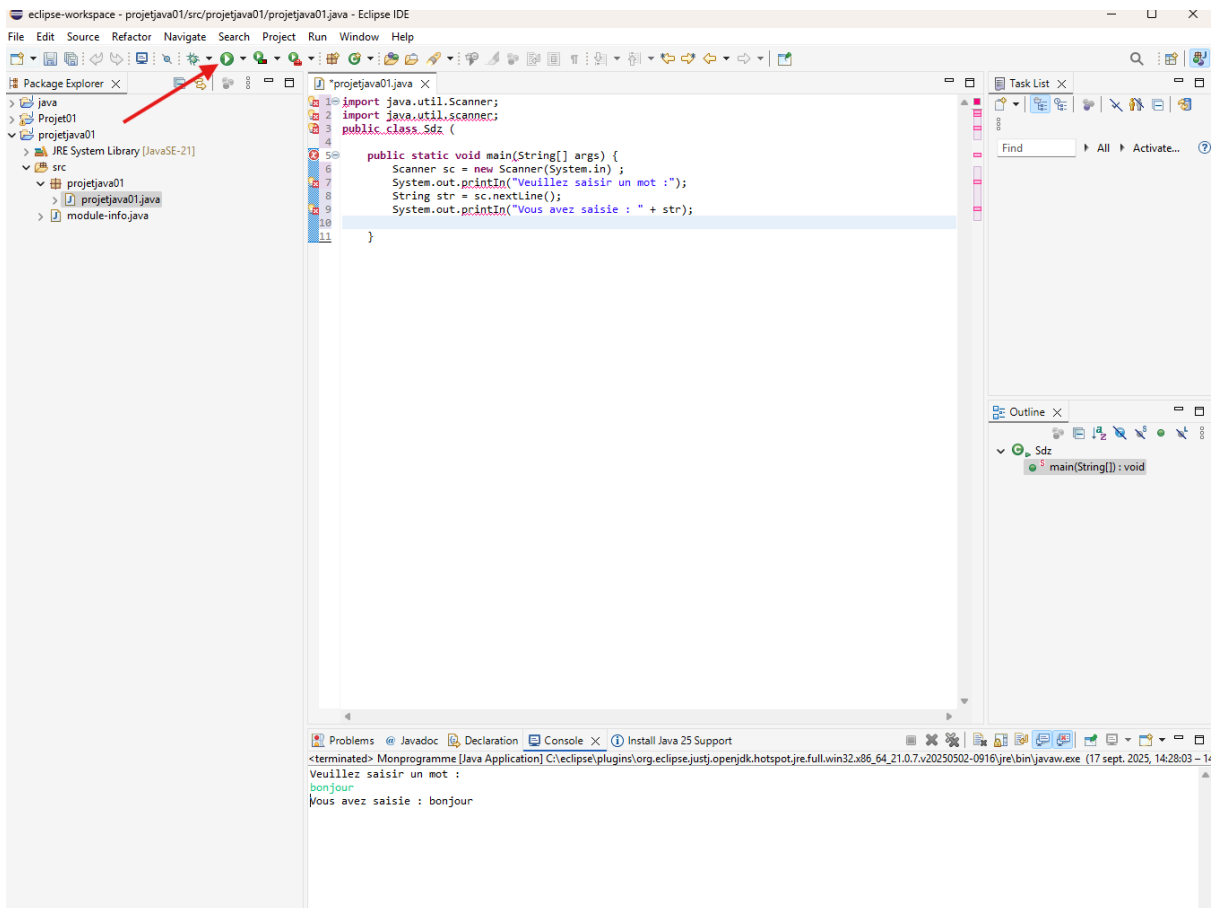
3.2 Saisir une variable

Nous allons saisir des instructions et des variables afin de constituer le programme.



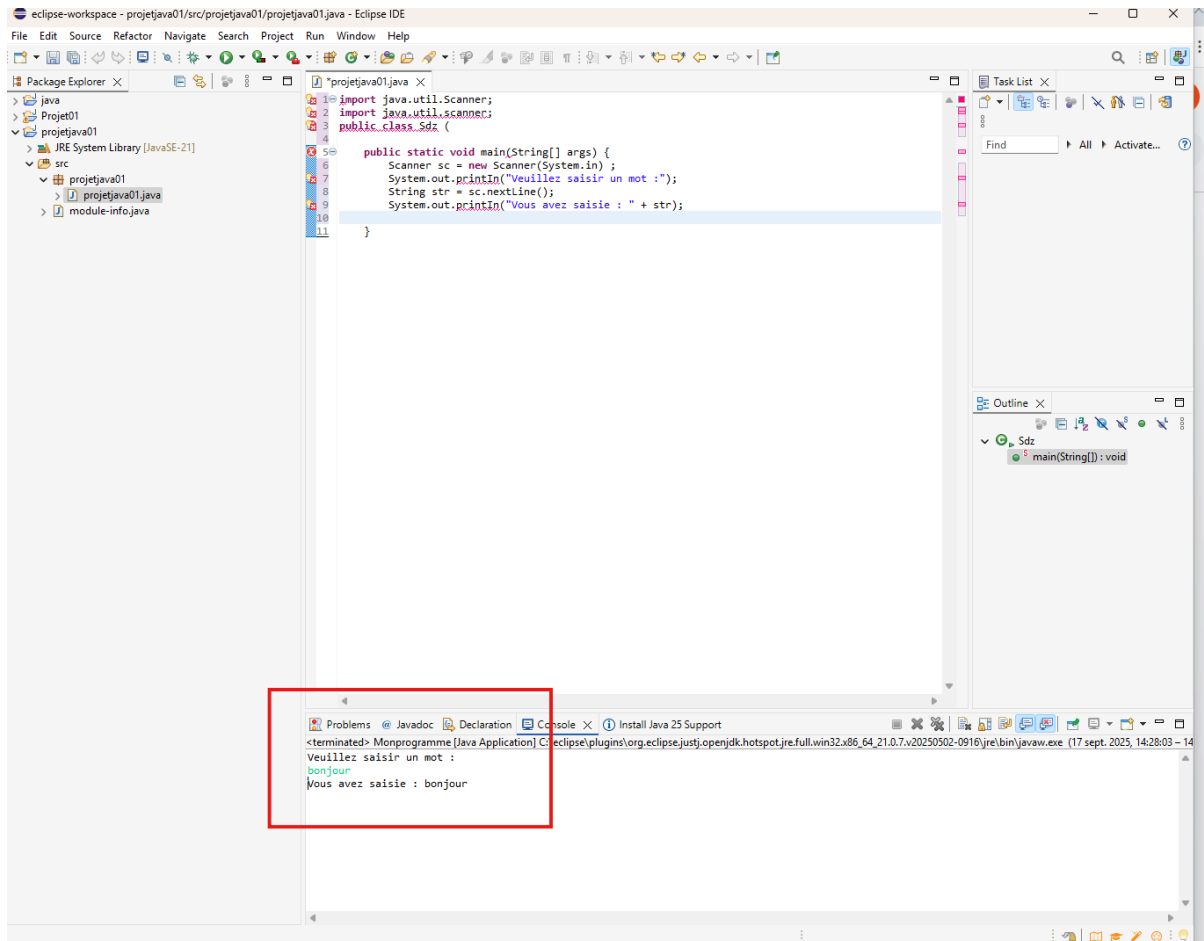
4. Lancer votre programme

Une fois les instructions et variables insérés nous pouvons lancer notre programme.



5. Résultat

Lorsque nous l'exécutons, le programme nous demande de saisir un mot.
Après avoir écrit "bonjour" il nous réaffiche ce mot en précisant "vous avez saisi"



Fin.