

# **Introdução ao Desenvolvimento Orientado a Objetos**

## **Preparando o Ambiente**

# Java JDK

▷ Baixe e instale o JDK do Java em:

- <https://www.oracle.com/br/java/technologies/downloads/#jdk21-windows>
- Estamos utilizando a versão 21 neste curso

The screenshot shows the Oracle Java Downloads page for JDK 21 on Windows. The page is titled "JDK Development Kit 21.0.2 downloads". It includes a table with download links for different operating systems and architectures. The "JDK 21" tab is selected, and the "Windows" tab is also selected. The table lists three download options: "x64 Compressed Archive", "x64 Installer", and "x64 MSI Installer". The "x64 Installer" link is highlighted with a red box.

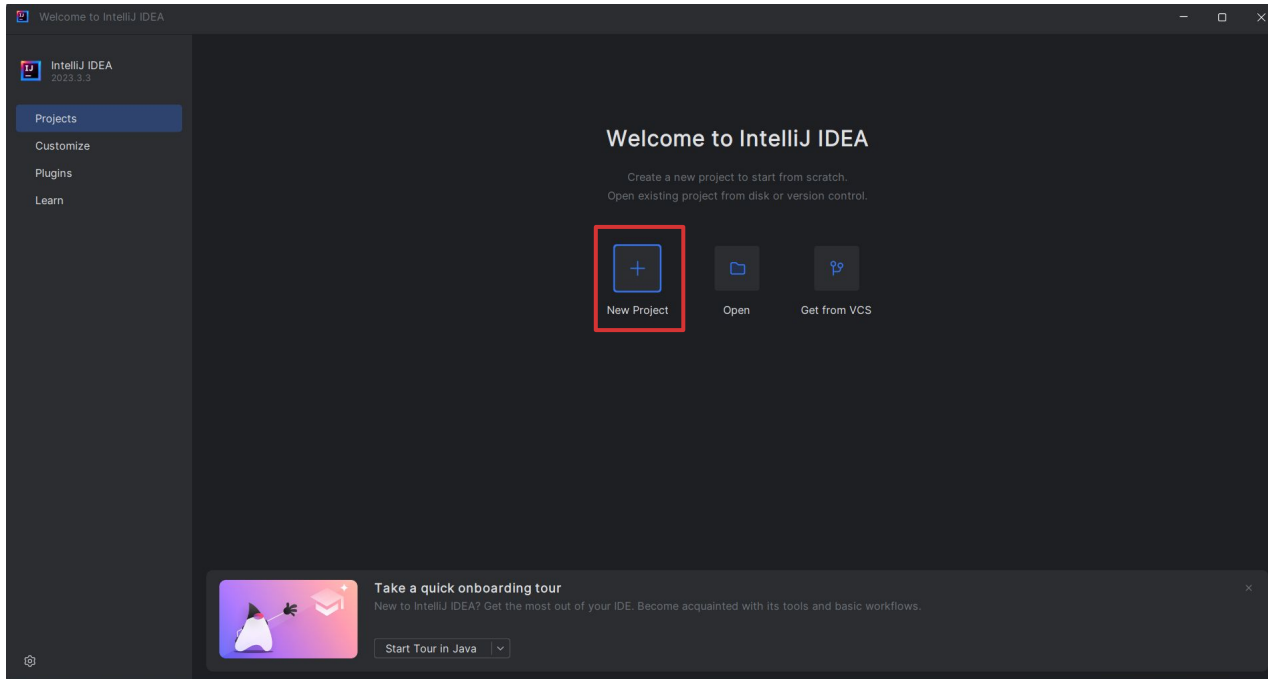
Product/file description	File size	Download
x64 Compressed Archive	185.52 MB	<a href="https://download.oracle.com/java/21/latest/jdk-21_windows-x64_bin.zip">https://download.oracle.com/java/21/latest/jdk-21_windows-x64_bin.zip</a> (sha256)
x64 Installer	163.91 MB	<a href="https://download.oracle.com/java/21/latest/jdk-21_windows-x64_bin.exe">https://download.oracle.com/java/21/latest/jdk-21_windows-x64_bin.exe</a> (sha256)
x64 MSI Installer	162.07MB	<a href="https://download.oracle.com/java/21/latest/jdk-21_windows-x64_bin.msi">https://download.oracle.com/java/21/latest/jdk-21_windows-x64_bin.msi</a> (sha256)

# IDE de Desenvolvimento

- ▷ Neste curso vamos utilizar a IDE IntelliJ IDEA
  - Baixe e instale a versão gratuita para estudantes em:
    - <https://www.jetbrains.com/pt-br/edu-products/download/#section=idea>

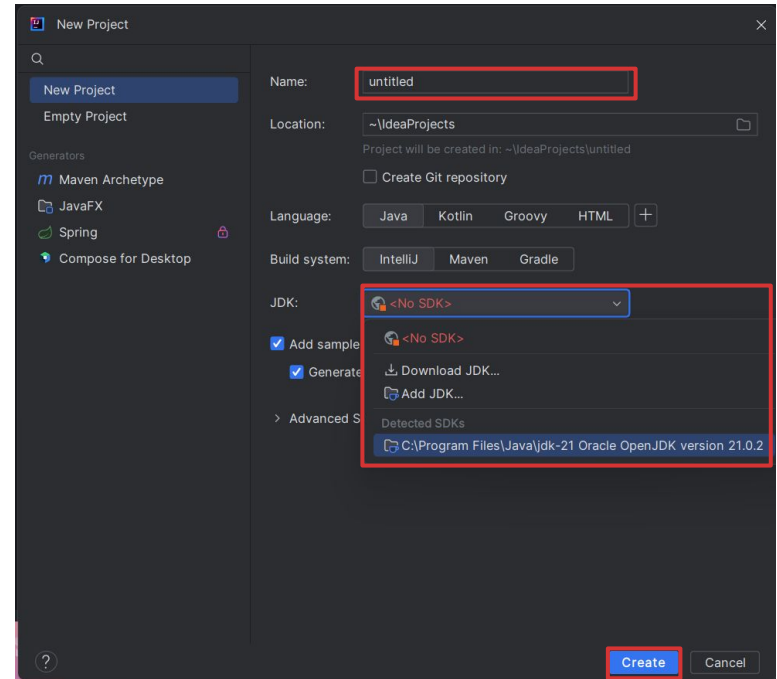
# Primeiro Projeto no IntelliJ

- ▶ Abra o IntelliJ e clique em “New Project”:



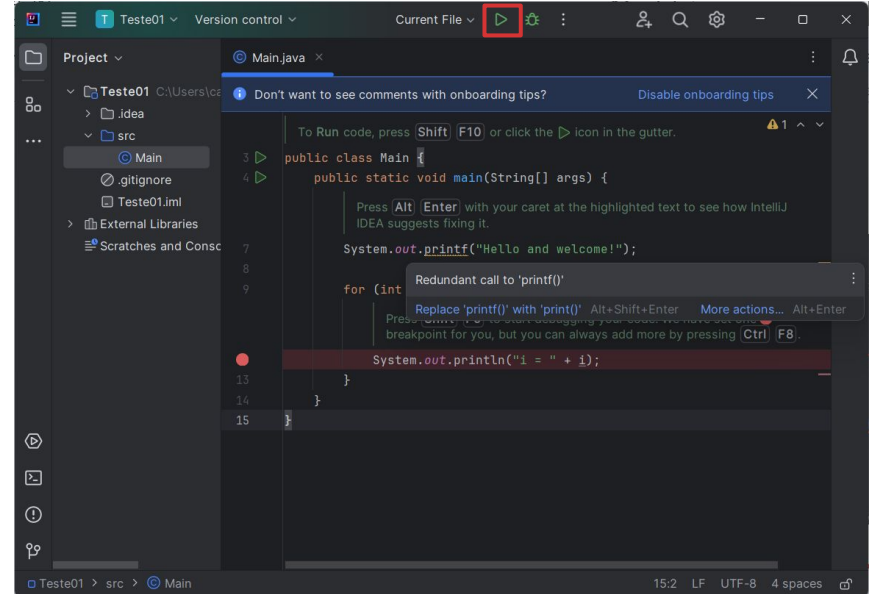
# Primeiro Projeto no IntelliJ

1. Altere o nome do projeto (campo “Name”) para o nome do projeto que você deseja. Exemplo: “Teste01”.
2. Clique em “JDK” e selecione o Java JDK instalado
3. Clique em “Create”:



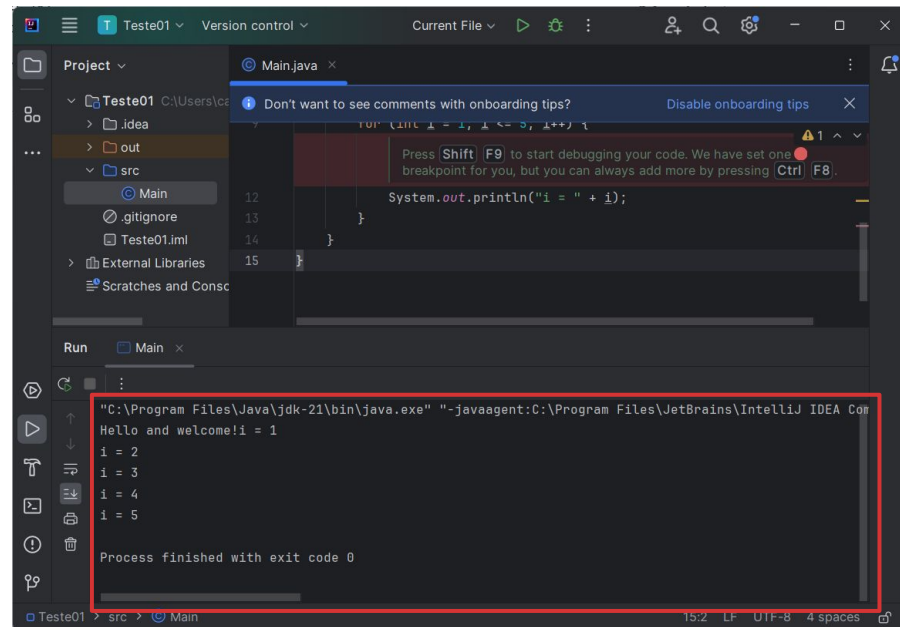
# Executando

- ▶ Para executar o programa, clique no botão 



# Executando

- ▶ O resultado da execução é apresentado na janela destacada ao lado.



The screenshot shows the IntelliJ IDEA interface with a project named 'Teste01'. The 'Run' window at the bottom displays the command used to run the program and its output:

```
"C:\Program Files\Java\jdk-21\bin\java.exe" "-javaagent:C:\Program Files\JetBrains\IntelliJ IDEA Com  
Hello and welcome! i = 1  
i = 2  
i = 3  
i = 4  
i = 5  
  
Process finished with exit code 0
```

# Fim de material

## Dúvidas?