

# Configuração do projeto do montador absoluto no IntelliJ IDEA

Antes de começar, certifique-se de que:

- O IntelliJ está instalado em `/opt/intellij_idea/`
- O código do projeto está em `~/Dev/pcs3616/aula7-montador-absoluto`

Complete Installation

You can import your settings from a previous version of IntelliJ IDEA.

I want to import my settings from a custom location

Specify config folder or installation home of the previous version of IntelliJ IDEA:

I do not have a previous version of IntelliJ IDEA or I do not want to import my settings

OK

- Seleccionar GTK+
- Clicar em “Skip All and Set Defaults”

Customize IDEA

UI Themes → Desktop Entry → Default plugins → Featured plugins

Set UI theme

IntelliJ  
 Darcula  
 **GTK+**


UI theme can be changed later in Settings | Appearance & Behavior | Appearance


Welcome to IntelliJ IDEA





# IntelliJ IDEA



Version 15.0.4

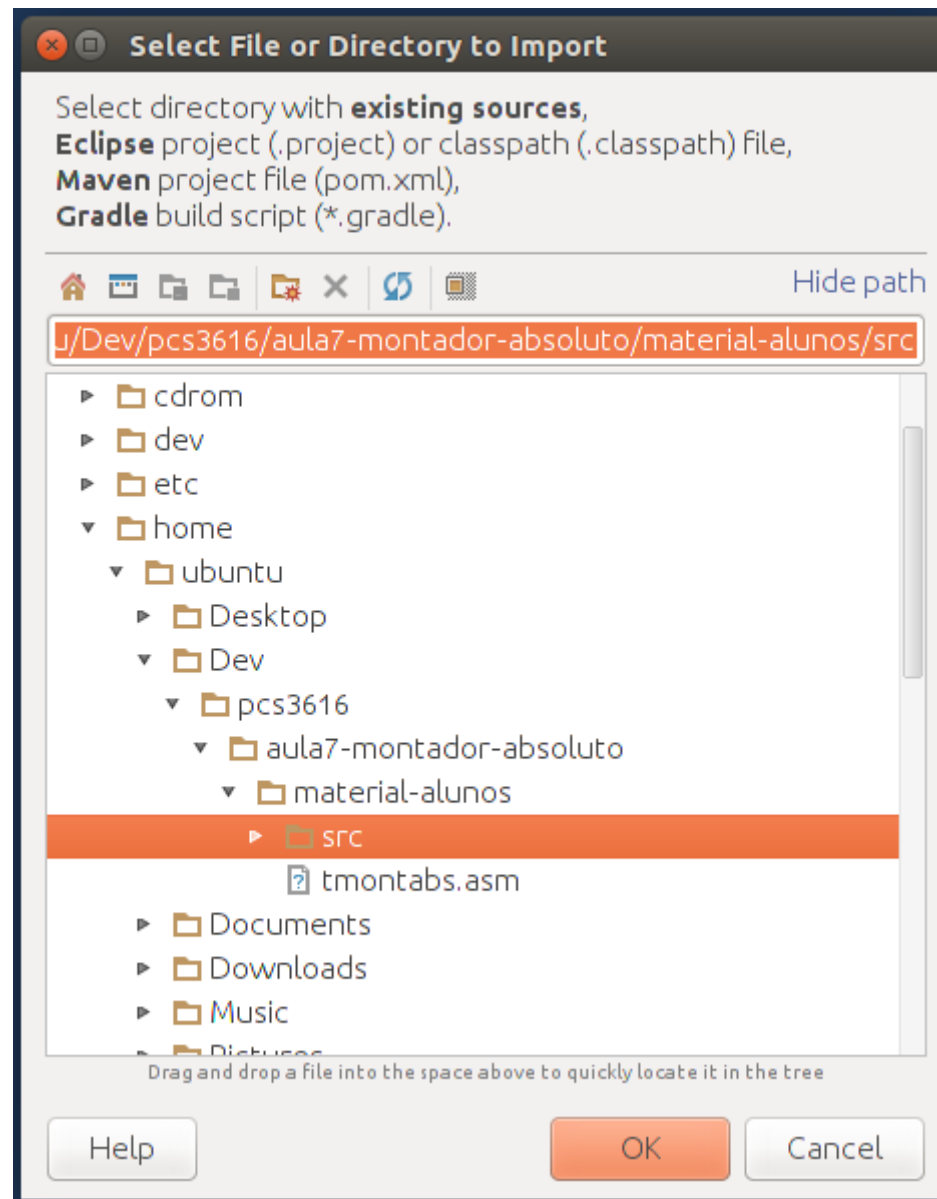
 Create New Project

 Import Project

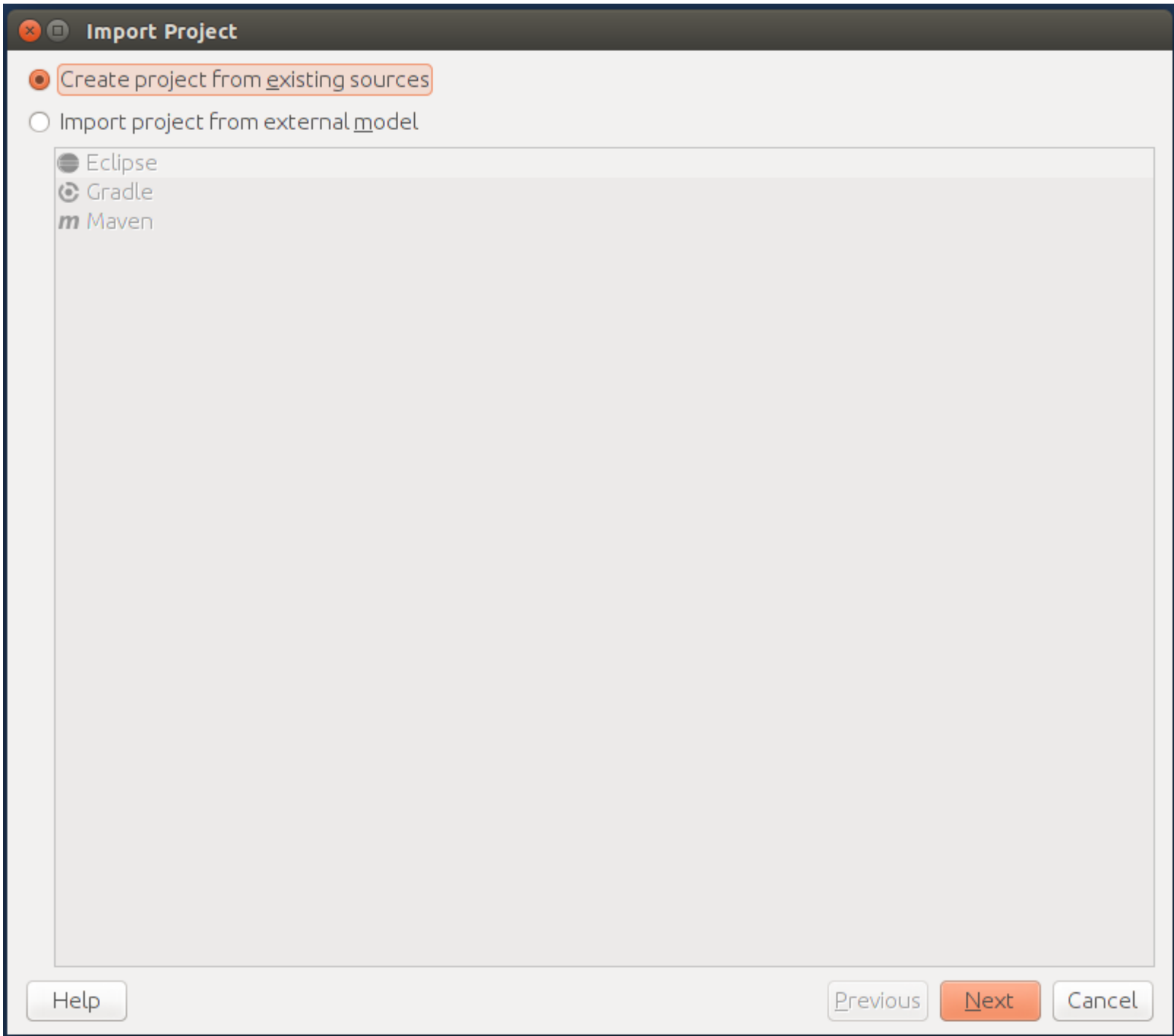
 Open

 Check out from Version Control ▾

 Configure ▾  Get Help ▾



- Selecionar a pasta "src" do projeto
- Clicar em "Ok"



Import Project

Project name:

src

Project location:

~/Dev/pcs3616/aula7-montador-absoluto/material-alunos/src

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## Import Project

Source files for your project have been found. Please choose directories that will be added to the project roots. These paths correspond to default (root, unnamed, top level) packages. Note: the program will recognize only those source files, that are located under these directories.

/home/ubuntu/Dev/pcs3616/aula7-montador-absoluto/material-alunos/src Java



✕ □ Import Project

Please review libraries found. At this stage you can set library names that will be used in the project, exclude particular libraries from the project, or move individual files between the libraries.



Libraries

Library contents

Nothing to show

Nothing to show

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## Import Project

Please review suggested module structure for the project. At this stage you can set module names, exclude particular modules from the project, merge or split individual modules. All dependencies between the modules as well as dependencies on the libraries will be automatically updated.



Modules

Module dependencies

material-alunos (/home/ubuntu/Dev/pcs3616/aul...)

Nothing to show

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## Import Project

Please select project SDK.  
This SDK will be used by default by all project modules.



Add New SDK

- JDK
- IntelliJ Platform Plugin SDK
- Android SDK

Nothing to show

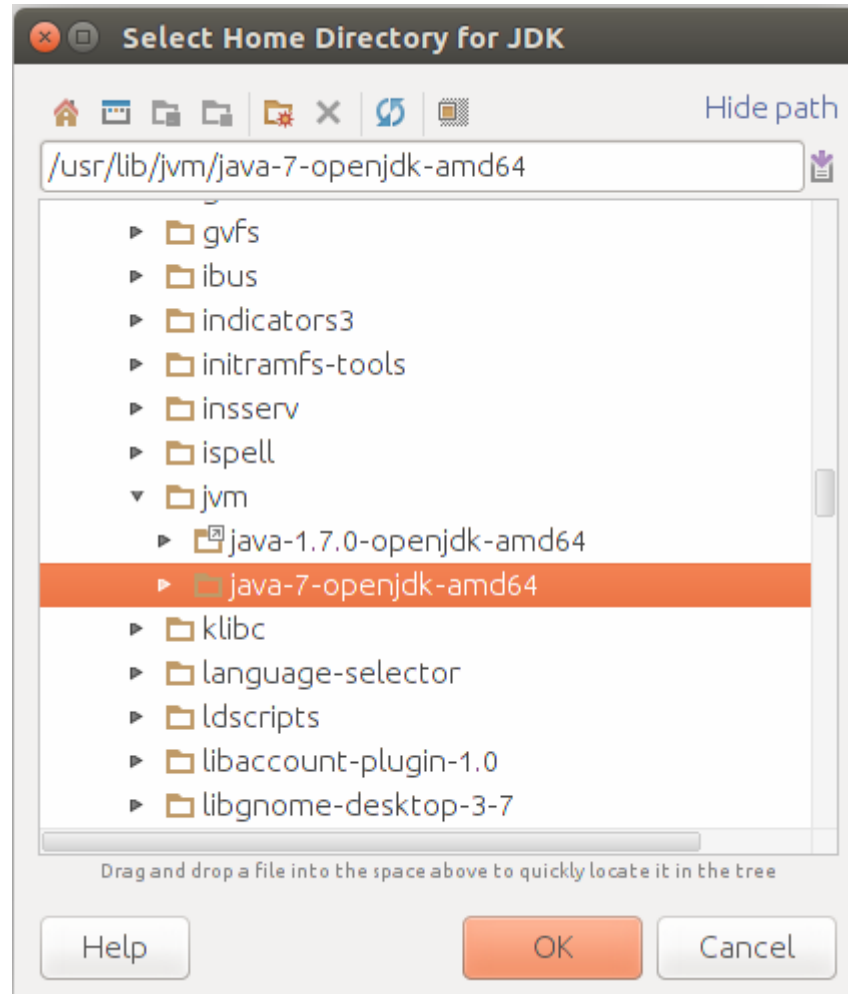
Select an SDK to view or edit its details here

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## Import Project

Please select project SDK.  
This SDK will be used by default by all project modules.

+ -

1.7

Name: 1.7

JDK home path: /usr/lib/jvm/java-7-openjdk-amd64

Classpath Sourcepath Annotations Documentation Paths

/usr/lib/jvm/java-7-openjdk-amd64/jre/lib/charsets.jar  
/usr/lib/jvm/java-7-openjdk-amd64/jre/lib/compilefontconfig.jar  
/usr/lib/jvm/java-7-openjdk-amd64/jre/lib/ext/dnsns.jar  
/usr/lib/jvm/java-7-openjdk-amd64/jre/lib/ext/icedtea-sound.jar  
/usr/lib/jvm/java-7-openjdk-amd64/jre/lib/ext/java-atk-wrapper.jar  
/usr/lib/jvm/java-7-openjdk-amd64/jre/lib/ext/localedata.jar  
/usr/lib/jvm/java-7-openjdk-amd64/jre/lib/ext/sunjce\_provider.jar  
/usr/lib/jvm/java-7-openjdk-amd64/jre/lib/ext/sunpkcs11.jar  
/usr/lib/jvm/java-7-openjdk-amd64/jre/lib/ext/zipfs.jar  
/usr/lib/jvm/java-7-openjdk-amd64/jre/lib/javazic.jar  
/usr/lib/jvm/java-7-openjdk-amd64/jre/lib/jce.jar  
/usr/lib/jvm/java-7-openjdk-amd64/jre/lib/jsse.jar  
/usr/lib/jvm/java-7-openjdk-amd64/jre/lib/management-agent.jar  
/usr/lib/jvm/java-7-openjdk-amd64/jre/lib/resources.jar  
/usr/lib/jvm/java-7-openjdk-amd64/jre/lib/rhino.jar  
/usr/lib/jvm/java-7-openjdk-amd64/jre/lib/rt.jar

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✕ □ Import Project

No frameworks detected.

Help

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Finish

Cancel

The screenshot shows an IDE window with the following content:

- Window title: `src - [~/Dev/pcs3616/aula7-montador-absoluto/material-alunos/src] - [material-alunos] - ~/Dev/pcs3616/aula7-montador-absoluto/material-alunos/src/montador/MvnAsm.java - In`
- Menu bar: `File Edit View Navigate Code Analyze Refactor Build Run Tools VCS Window Help`
- Project view (left):
  - `src` (expanded)
    - `montador` (expanded)
      - `MvnAsm` (selected)

```
package montador;

import ...

/**
 * Classe principal do Montador.
 *
 * @author RRocha
 * @version 04.10.2005
 * @version 10.10.2005 (Refatoramento - FLevy)
 */
public class MvnAsm {

    //Variáveis de apoio
    public static final String NEWLINES = "\n";
    public static final String KEYBOARDERROR = "Erro na entrada de teclado.";
    public static final String INPUTMESSAGE = "Digite o nome do arquivo, com extensao diferente de 'mvn': ";
    //Extensões dos arquivos
    public static final String MVN_EXT = "mvn";
    public static final String LST_EXT = "lst";
    //Mensagens
    public final static String MSG_BAR = "=====";
    public final static String MSG_INIT = "          PCS2302/PCS2024 Montador da Maquina de Von Neumann";
    public final static String MSG_COPYRIGHT = "          Versao 1.1 (a)2010 Todos os direitos reservados\n";
    public final static String MSG_HEADER = "***** A T E N C A O *****";
    public final static String MSG_USO_ASM = "\t Uso do ASM: 'java MvnAsm <arquivo-programa>' \n";
    public final static String MSG_USO_ASM_EXT = "\t (a extensao dos arquivos gerados sera 'mvn' e 'lst')";
    public final static String MSG_USO_ASM_EXT_MUDAR = "\t o seu arquivo sera apagado pelo montador, mude a extensao ...";

    /**
     * Executa o programa do montador. <br>
     * Uso: MvnAsm source_file object_file list_file
     *
     * @param args
     *      0 primeiro argumento deve ser o arquivo o qual contém o código
     *      em linguagem de montador. Caso não seja fornecido argumentos, o
     *      programa solicitará o nome do arquivo. <br>
     *      0 extensão do arquivo não pode ser igual à extensão do
     *      montador.
     */
    public static void main(String[] args) {
        String arg = "";
        String name;

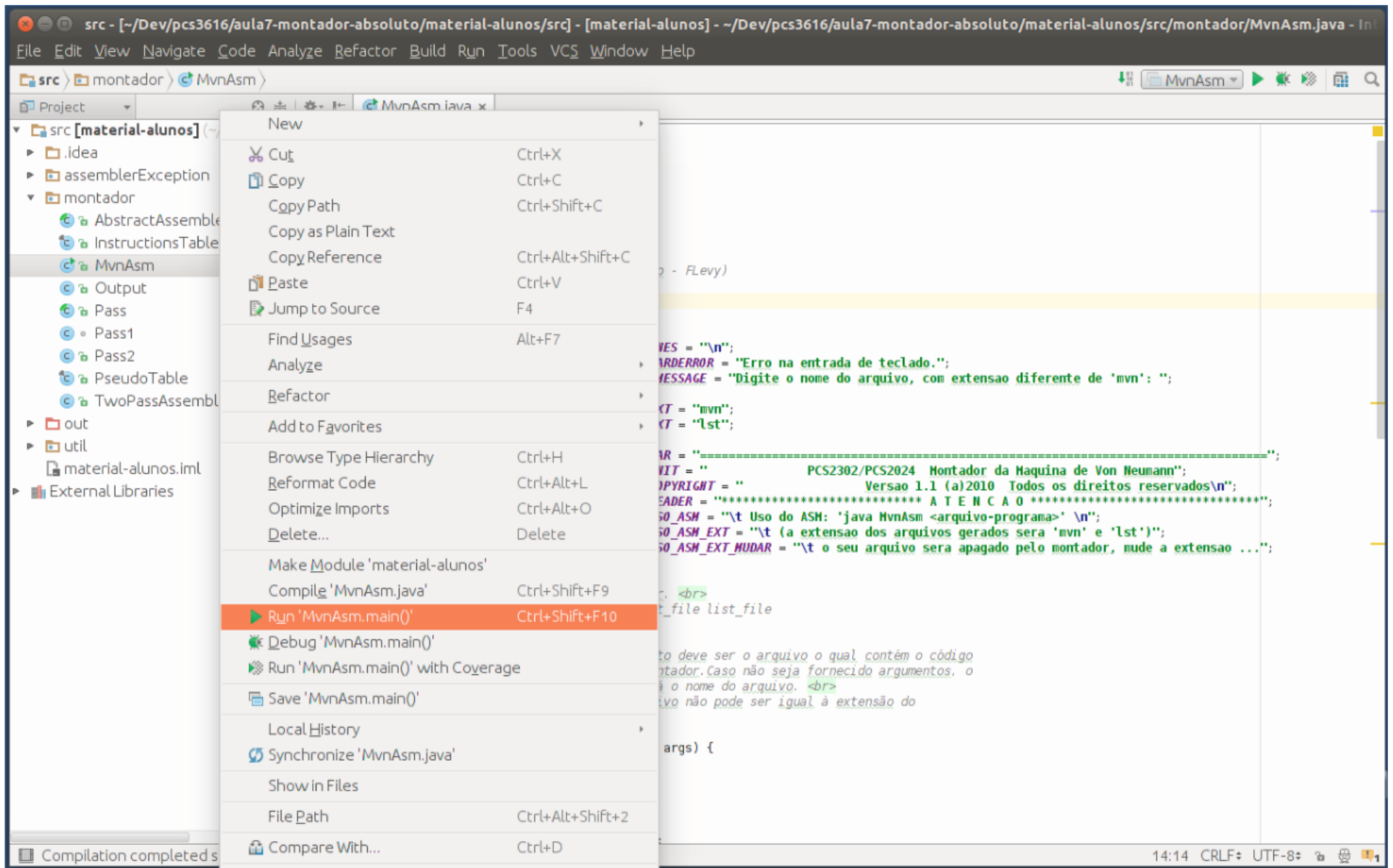
        // colocando o header
        System.out.println(MSG_BAR);
        System.out.println(MSG_INIT);
    }
}
```

StatusBar: `IBus prior to 1.5.11 may cause input problems. See IDEA-78860 For details. // Do not show again. (22 minutes ago)` 14:14 CRLF+ UTF-8+

- Selecionar View > Tool Windows > Project
- Expandir a árvore do projeto até encontrar a classe montador.MvnAsm
- Clicar duas vezes no nome da classe para abrir o código

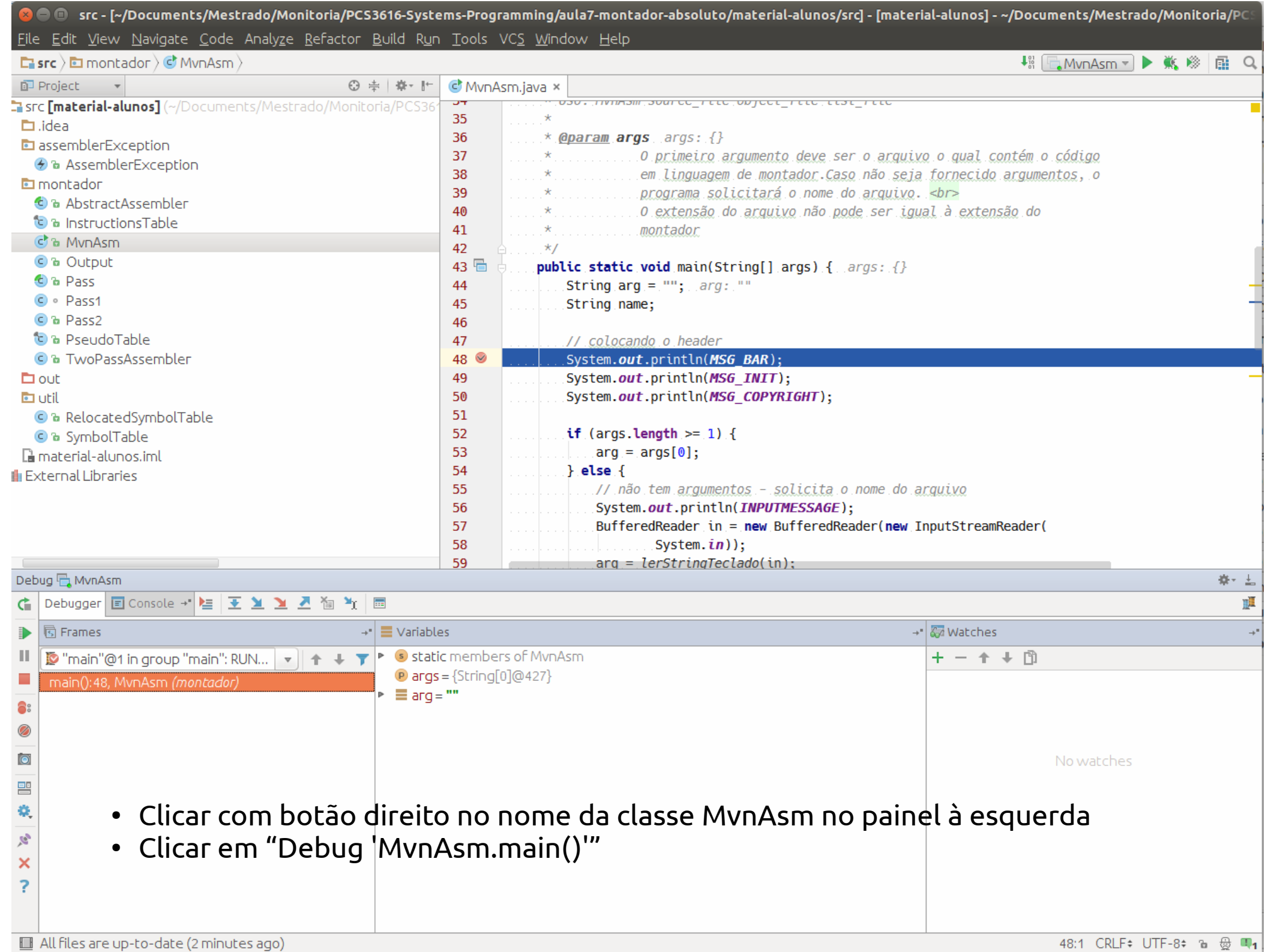
# Execução do projeto





- Clicar com botão direito no nome da classe MvnAsm no painel à esquerda
- Clicar em “Run 'MvnAsm.main()'”

# Execução do projeto com debugger



- Clicar com botão direito no nome da classe MvnAsm no painel à esquerda
- Clicar em "Debug 'MvnAsm.main()'"