

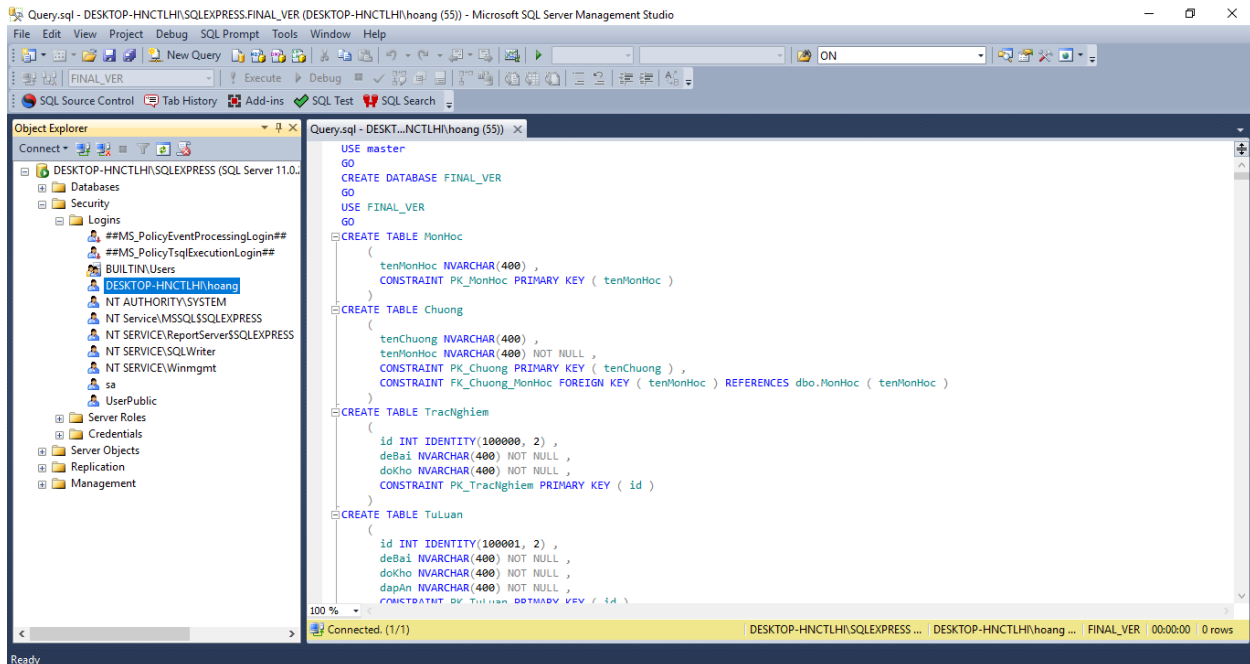
HƯỚNG DẪN THIẾT LẬP MÔI TRƯỜNG LẬP TRÌNH

Thiết lập môi trường SQL Server Express

Thiết lập môi trường Java

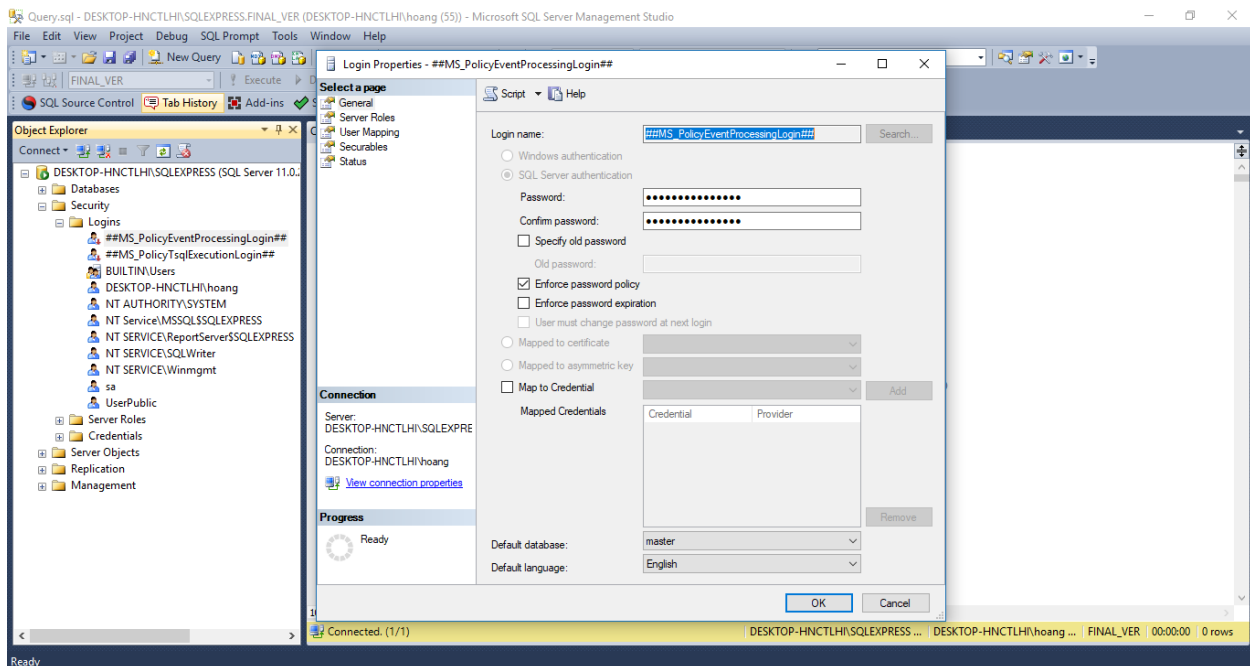
I. Thiết lập môi trường cho SQL Server Express 2012:

Mở SQL Server Management Studio lên



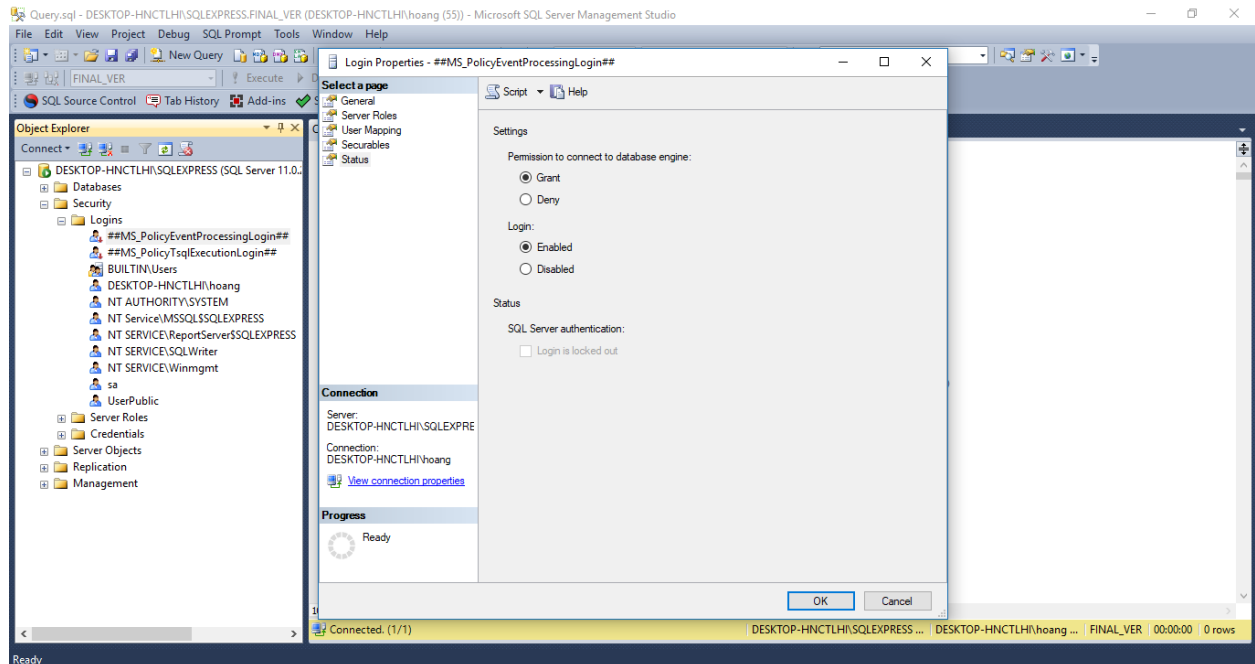
Trong mục login, lần lượt thực hiện các thao tác dưới đây:

Nháy đúp chuột vào một User



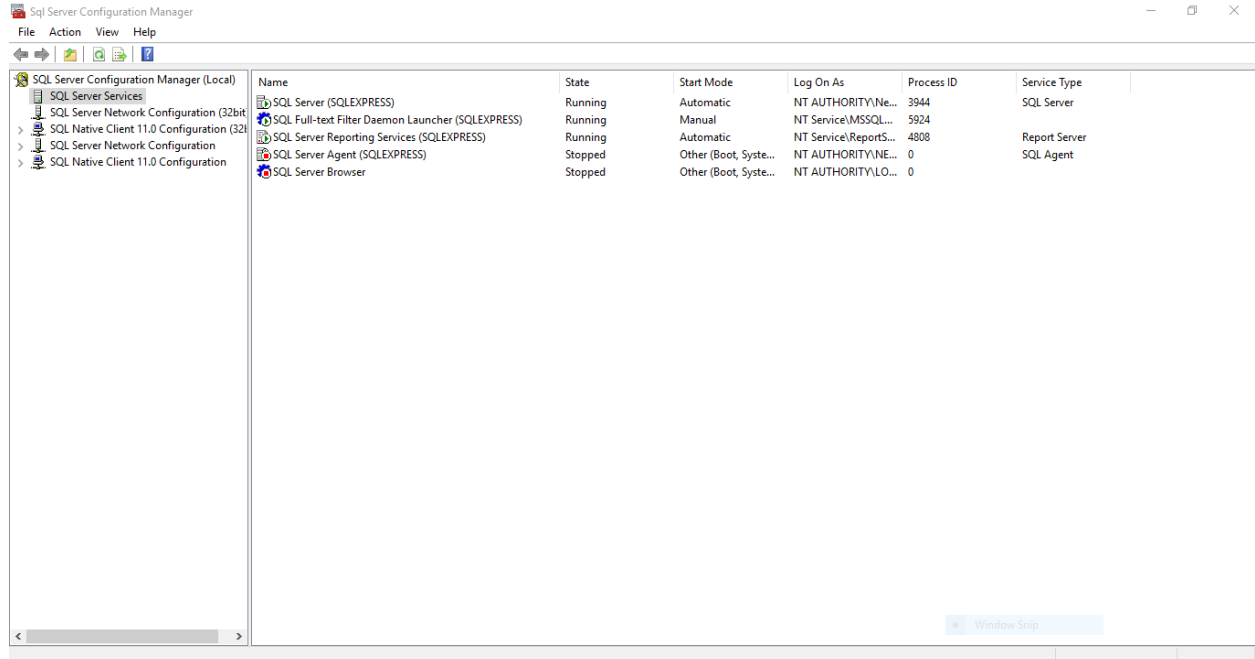
Kích chuột vào mục Status nằm bên trái

HƯỚNG DẪN THIẾT LẬP MÔI TRƯỜNG LẬP TRÌNH

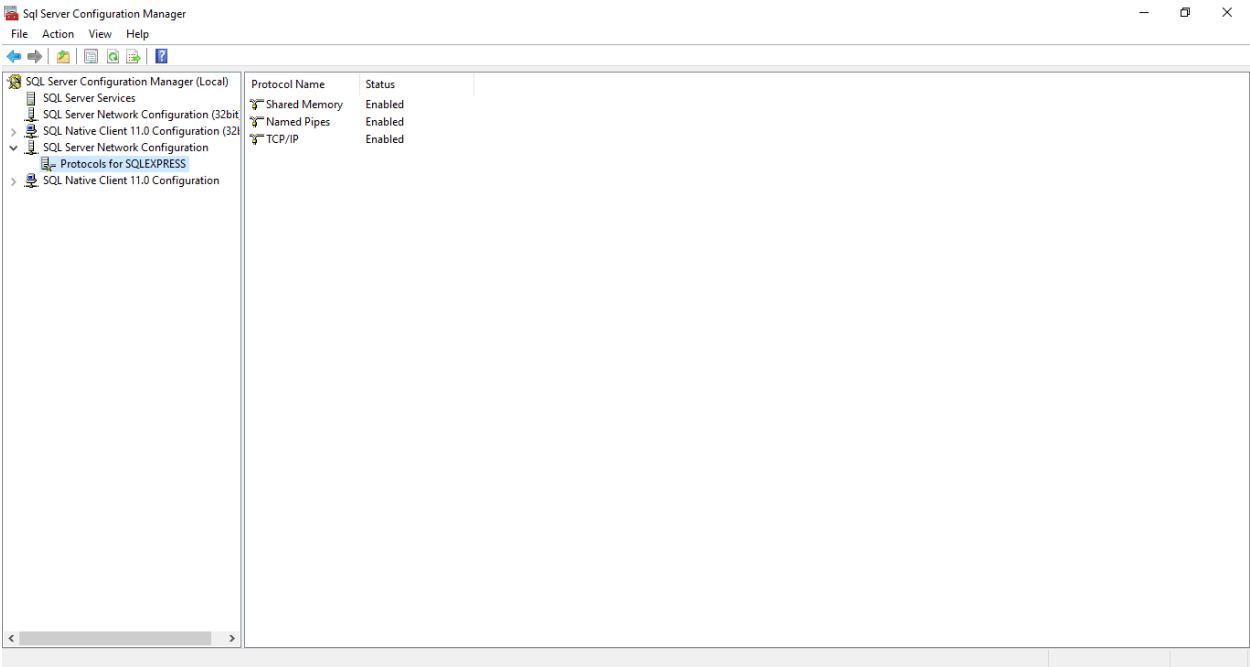


Trong setting, chọn Grant và Enable như trong hình, sau đó nhấn OK

Nhấn tổ hợp phím windows + S hoặc nhấn vào ô tìm kiếm trên windows, tìm kiếm sql server configuration manager sau đó ấn enter.

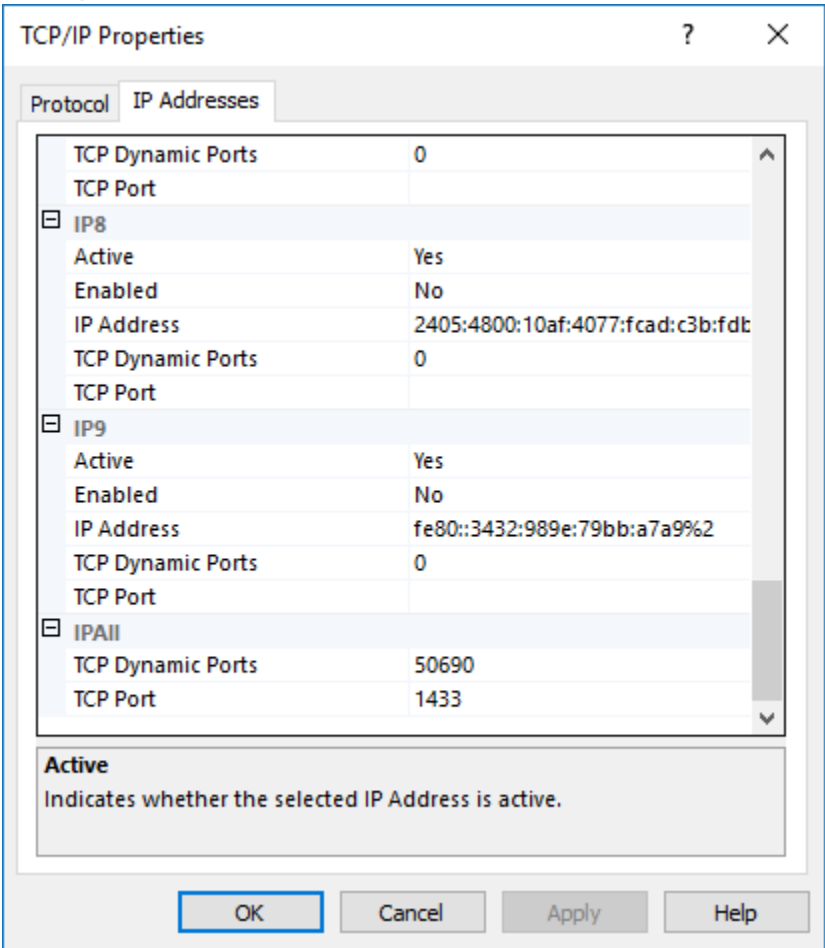


Ở phần bên trái chọn mục Protocols for SQLEXPRESS

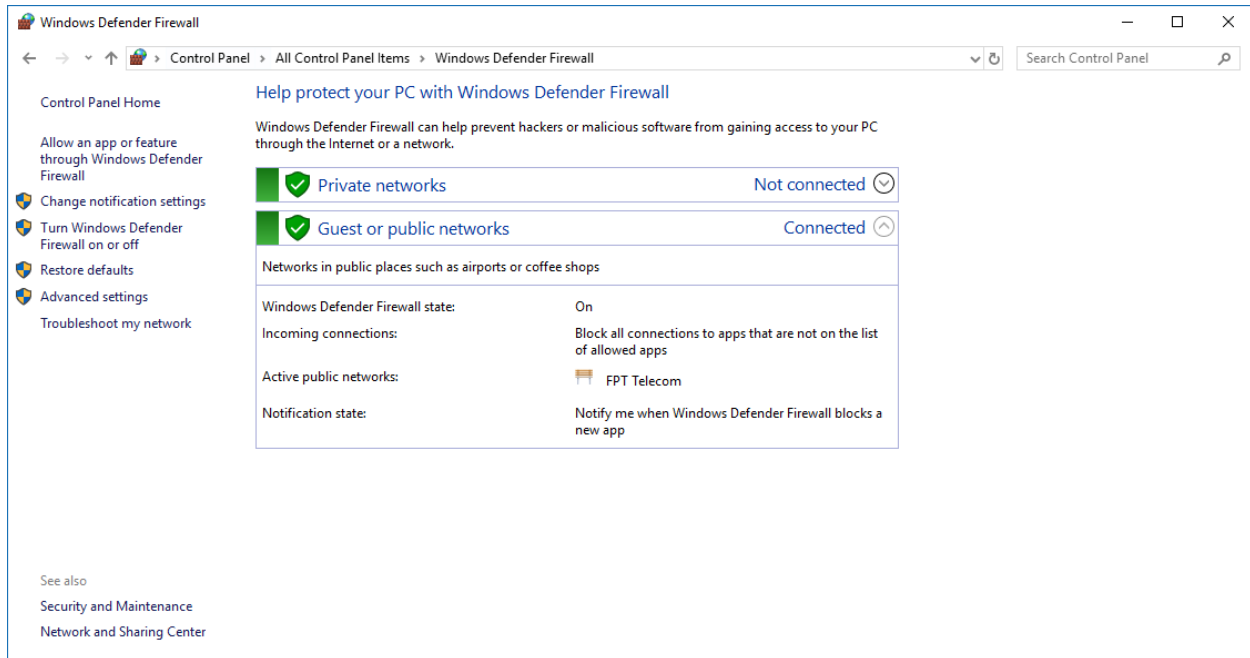


Chọn TCP/IP , trong mục Enable chọn YES

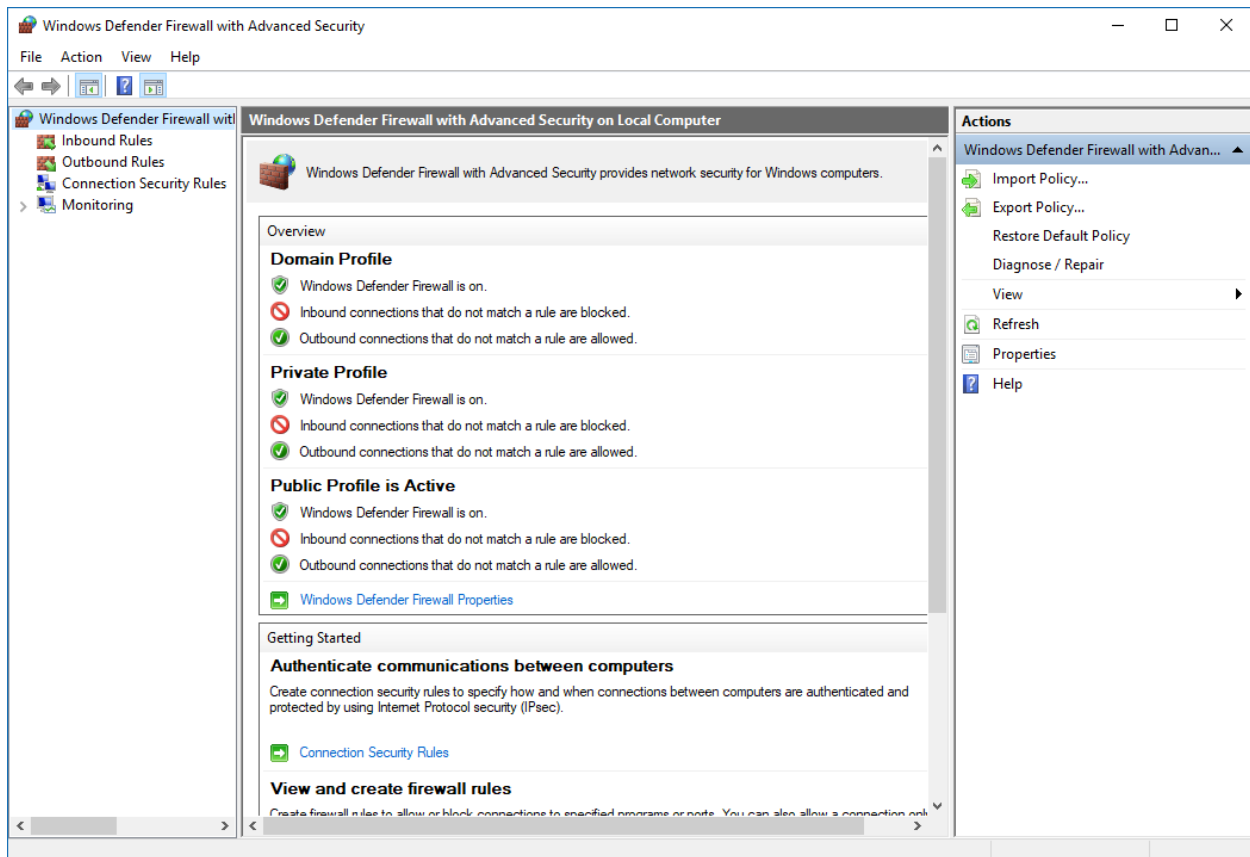
Trong tab Address, cấu hình mục IPAll như hình



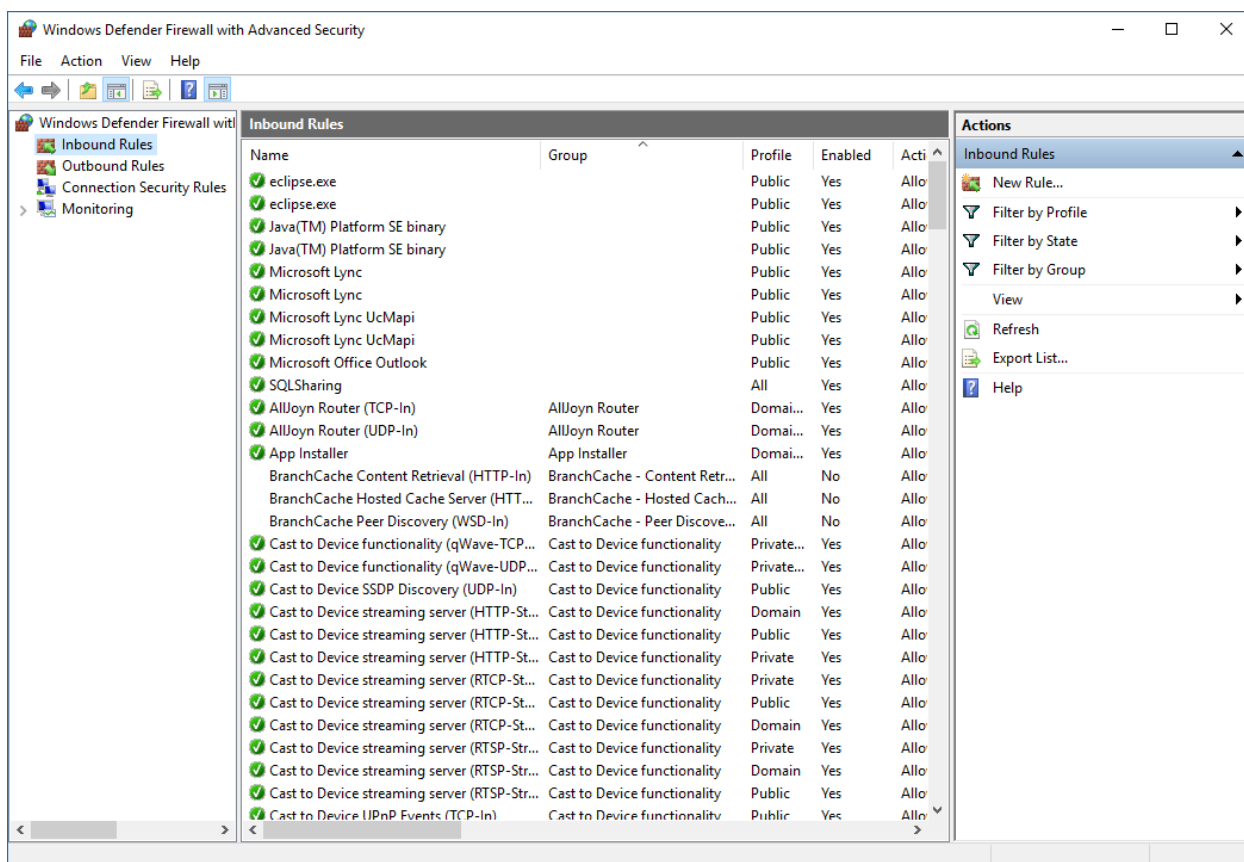
Vào Control Panel, chọn mục Windows Defender Firewall



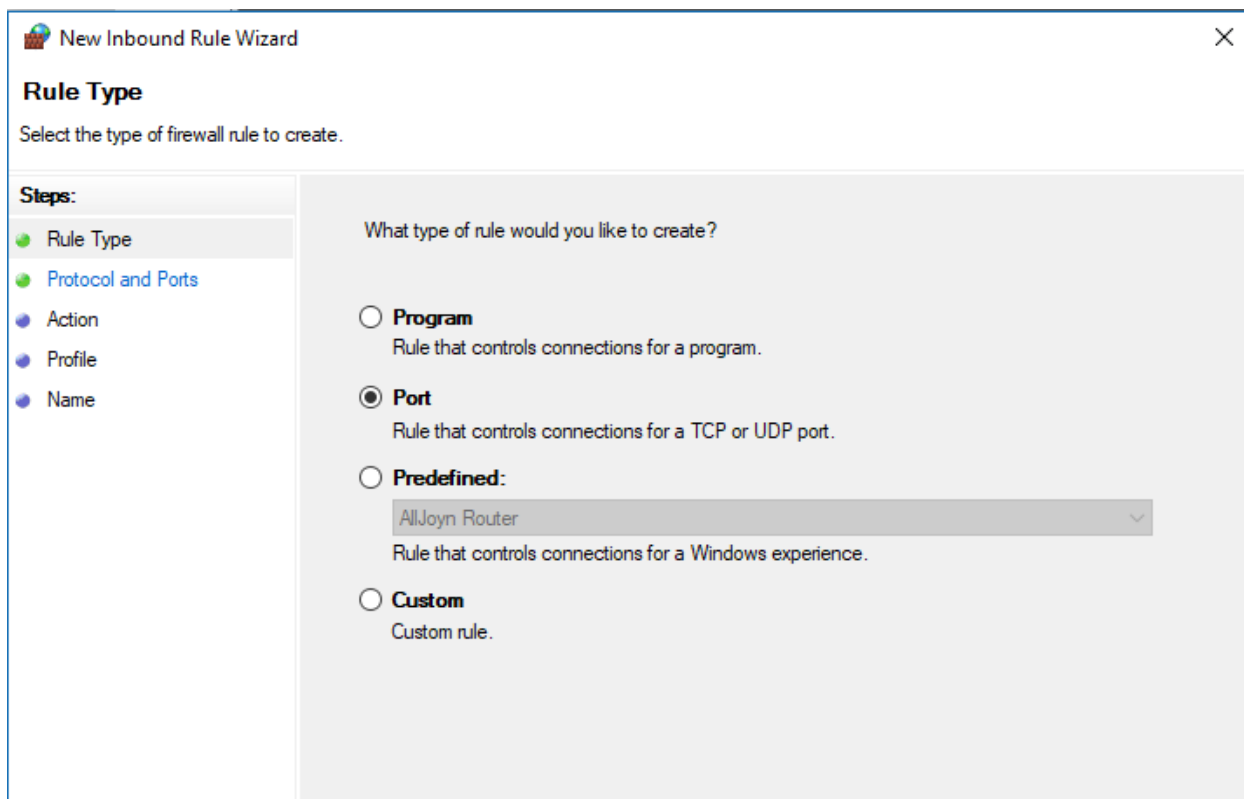
Ở phần bên trái, chọn Advanced settings



Ở phần bên trái chọn Inbound Rule



Trong mục Actions bên phải, chọn New Rules, tích vào ô Port và ấn next



Trong phần tiếp theo, cấu hình như hình sau:

The screenshot shows the 'New Inbound Rule Wizard' window with the 'Protocol and Ports' step selected in the left-hand 'Steps' pane. The main area contains the following configuration options:

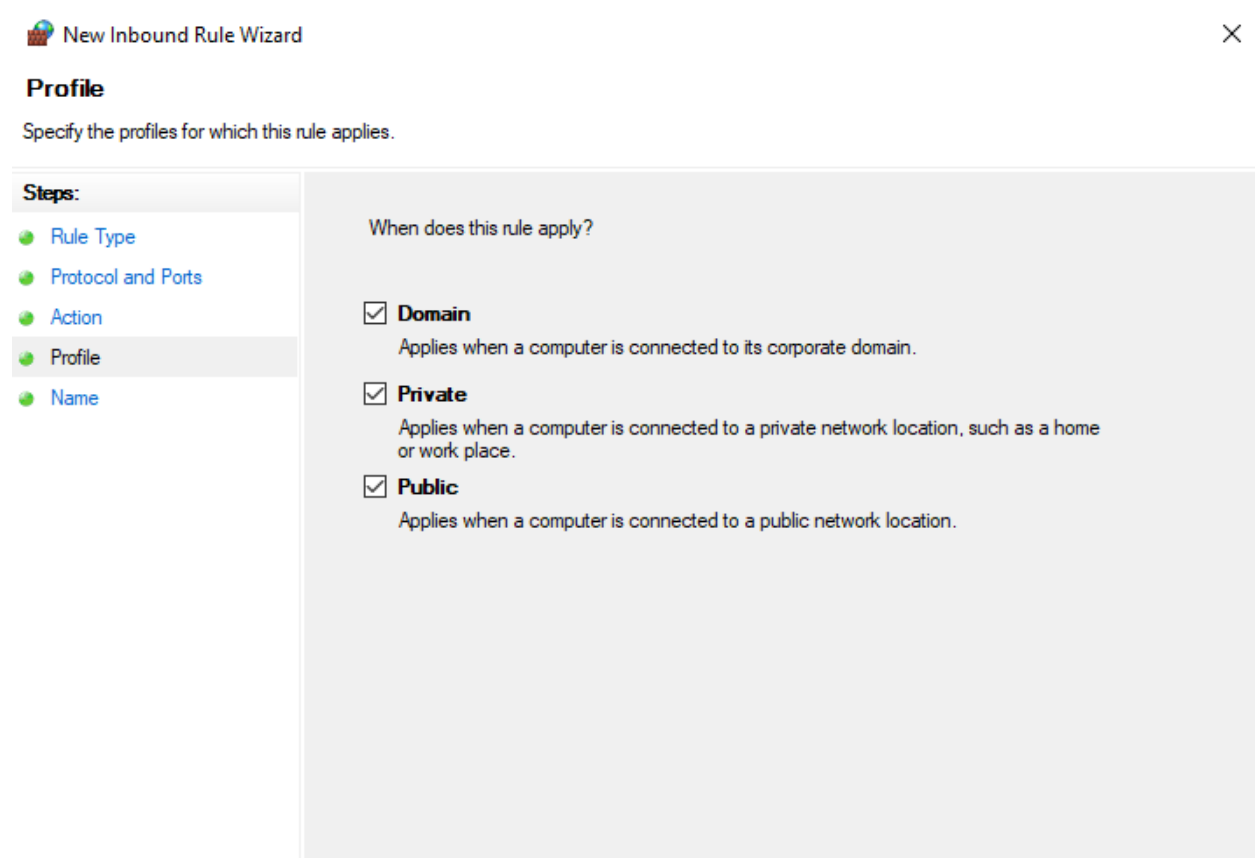
- Protocol and Ports**
Specify the protocols and ports to which this rule applies.
- Does this rule apply to TCP or UDP?**
 - ☒ **TCP**
 - ☐ **UDP**
- Does this rule apply to all local ports or specific local ports?**
 - ☐ **All local ports**
 - ☒ **Specific local ports:**
Example: 80, 443, 5000-5010

Tiếp tục ấn next

The screenshot shows the 'New Inbound Rule Wizard' window with the 'Action' step selected in the left-hand 'Steps' pane. The main area contains the following configuration options:

- Action**
Specify the action to be taken when a connection matches the conditions specified in the rule.
- What action should be taken when a connection matches the specified conditions?**
 - ☒ **Allow the connection**
This includes connections that are protected with IPsec as well as those are not.
 - ☐ **Allow the connection if it is secure**
This includes only connections that have been authenticated by using IPsec. Connections will be secured using the settings in IPsec properties and rules in the Connection Security Rule node.
 - ☐ **Block the connection**

Tiếp tục ấn next:



The screenshot shows the 'New Inbound Rule Wizard' window with the 'Profile' step selected. The window title is 'New Inbound Rule Wizard'. The 'Profile' section is active, with the instruction 'Specify the profiles for which this rule applies.' Below this, a 'Steps:' list on the left shows 'Rule Type', 'Protocol and Ports', 'Action', 'Profile' (highlighted), and 'Name'. The main area is titled 'When does this rule apply?' and contains three checked options: 'Domain' (Applies when a computer is connected to its corporate domain.), 'Private' (Applies when a computer is connected to a private network location, such as a home or work place.), and 'Public' (Applies when a computer is connected to a public network location.).

New Inbound Rule Wizard

Profile

Specify the profiles for which this rule applies.

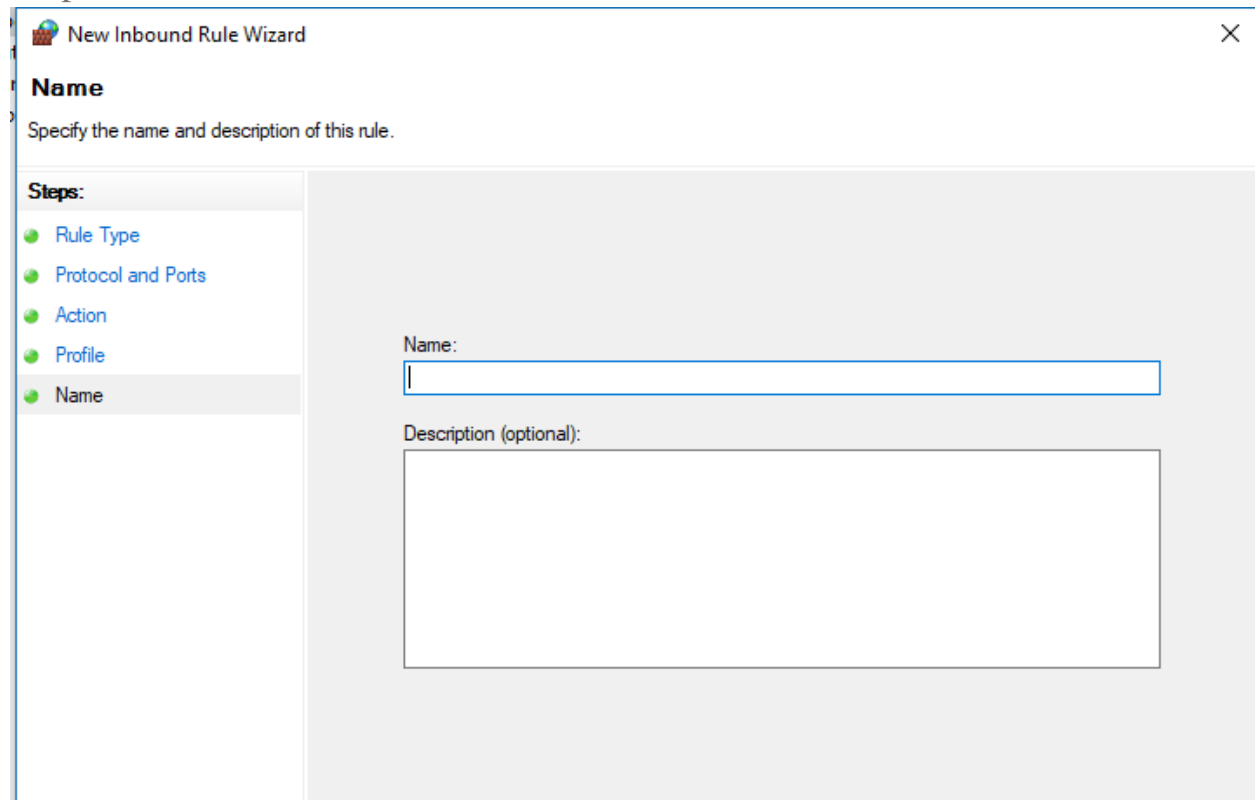
Steps:

- Rule Type
- Protocol and Ports
- Action
- Profile**
- Name

When does this rule apply?

- ☒ **Domain**
Applies when a computer is connected to its corporate domain.
- ☒ **Private**
Applies when a computer is connected to a private network location, such as a home or work place.
- ☒ **Public**
Applies when a computer is connected to a public network location.

Tiếp tục ấn next



The screenshot shows the 'New Inbound Rule Wizard' window with the 'Name' step selected. The window title is 'New Inbound Rule Wizard'. The 'Name' section is active, with the instruction 'Specify the name and description of this rule.' Below this, a 'Steps:' list on the left shows 'Rule Type', 'Protocol and Ports', 'Action', 'Profile', and 'Name' (highlighted). The main area contains two input fields: 'Name:' with a text box and 'Description (optional):' with a larger text box.

New Inbound Rule Wizard

Name

Specify the name and description of this rule.

Steps:

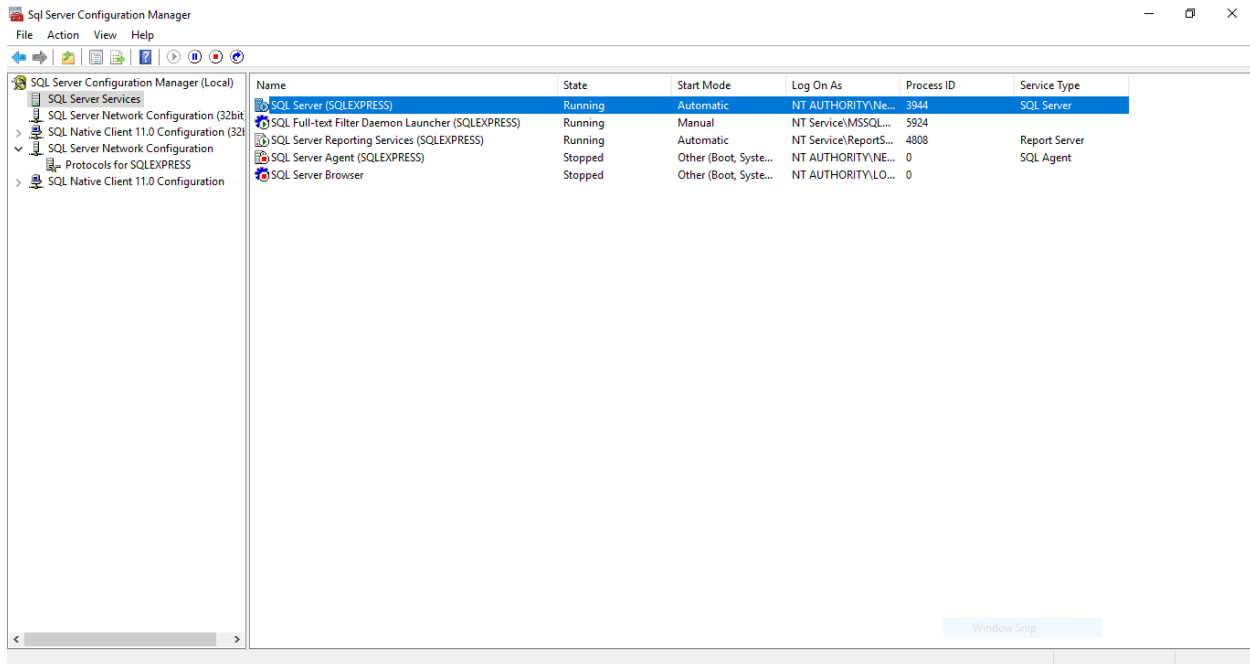
- Rule Type
- Protocol and Ports
- Action
- Profile
- Name**

Name:

Description (optional):

Chọn một cái tên bất kì rồi ấn finish

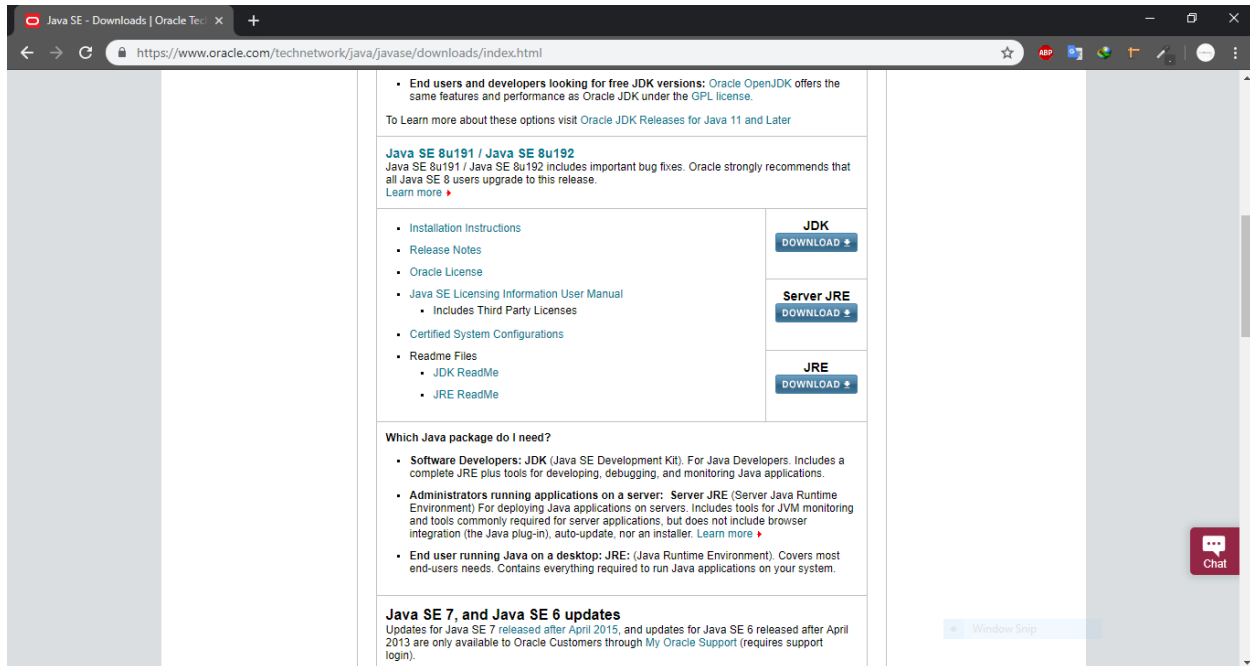
Vào SQL Server configuration manager, restart lại SQL Server Express



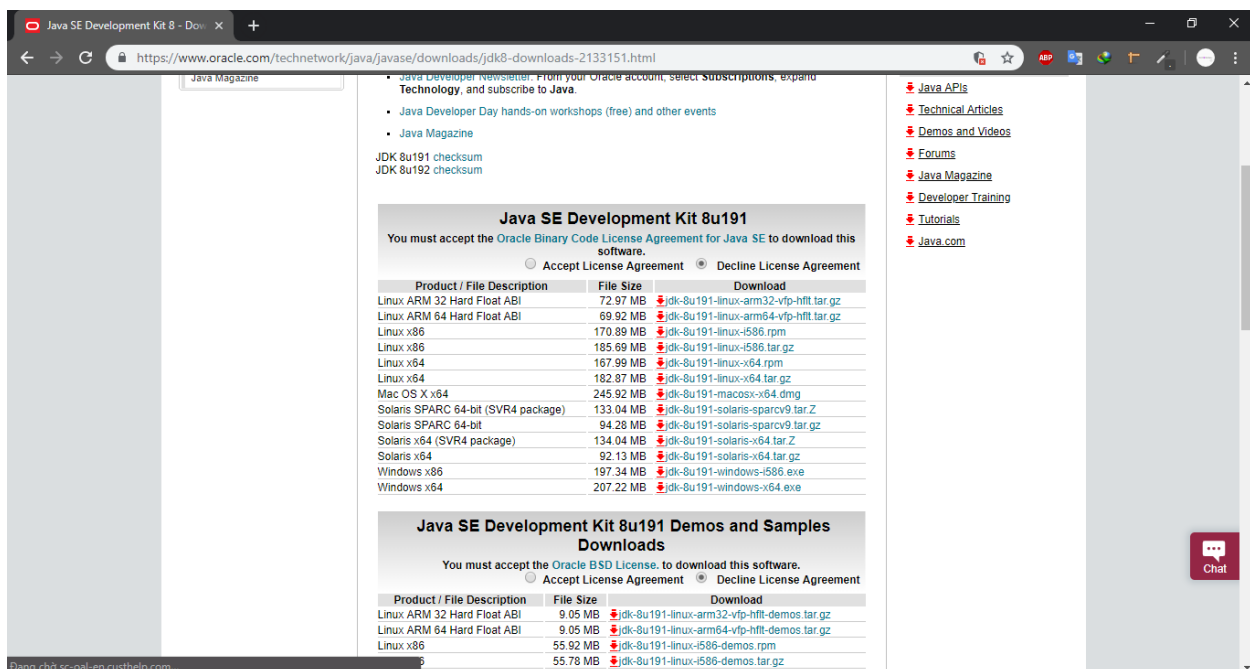
II. Thiết lập môi trường Java:

1. Cài đặt và cấu hình Java:

Truy cập <https://www.oracle.com/technetwork/java/javase/downloads/index.html>



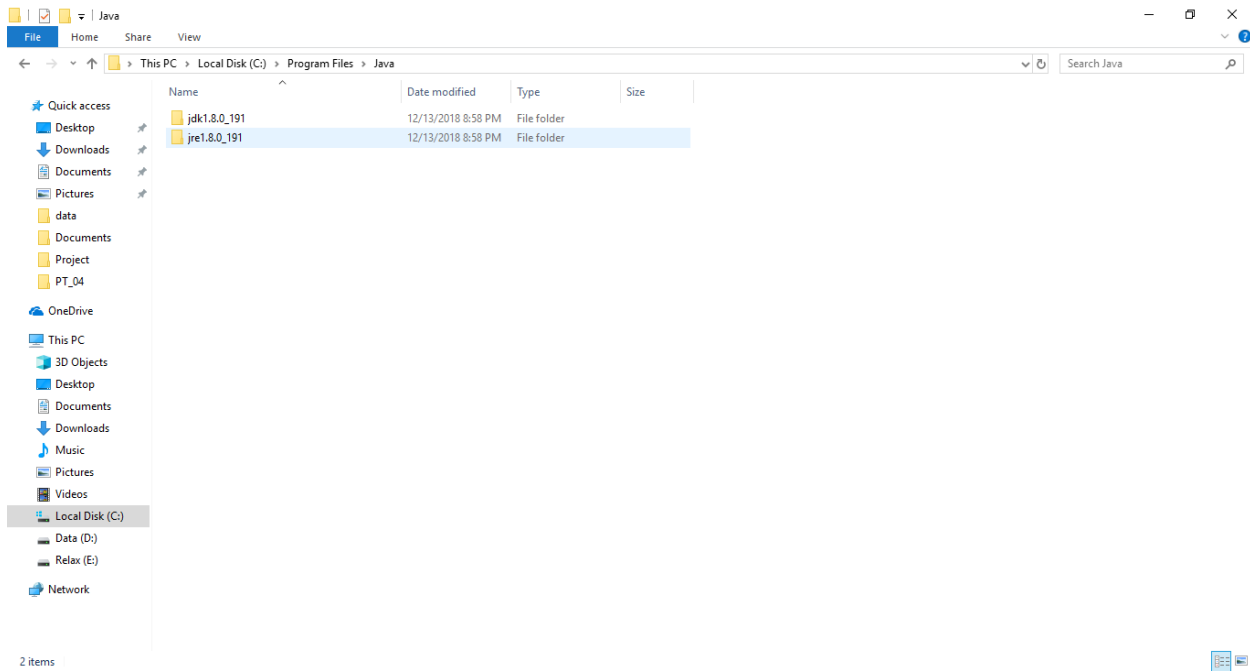
Chọn Download JDK



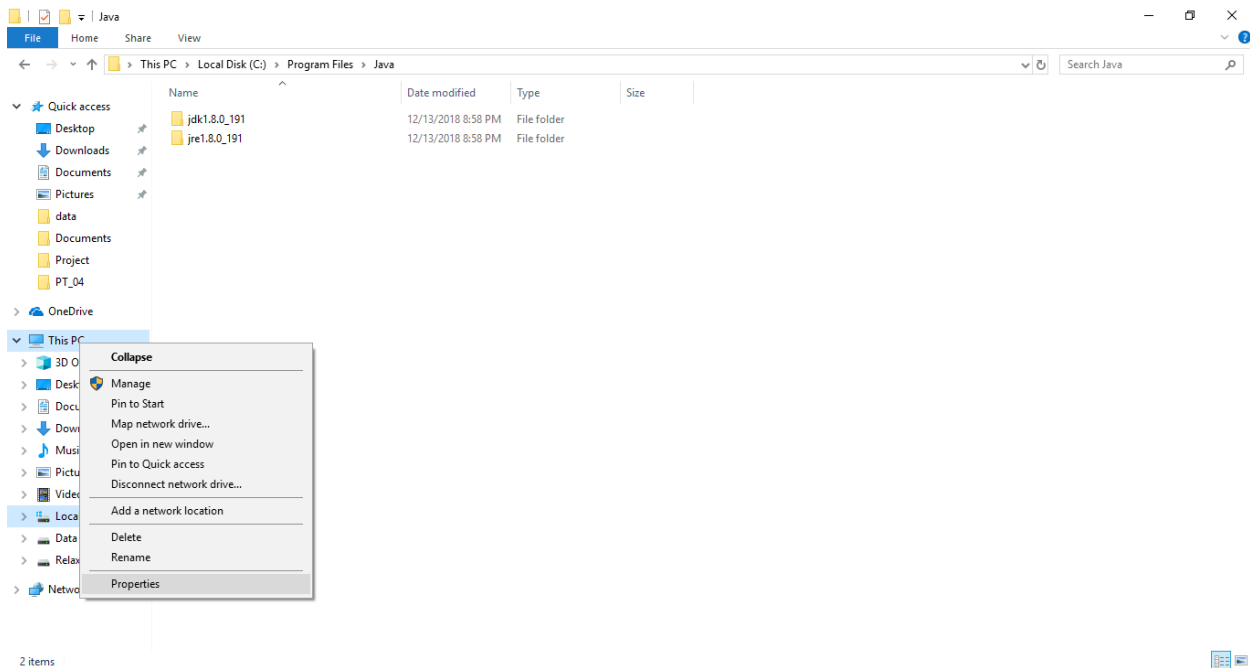
Chọn Accept License Agreement, chọn phiên bản phù hợp với máy và tải xuống

Chạy file jdk-8u191-windows-x64.exe mới tải về

Sau khi chạy file cài đặt, bạn sẽ có 2 thư mục



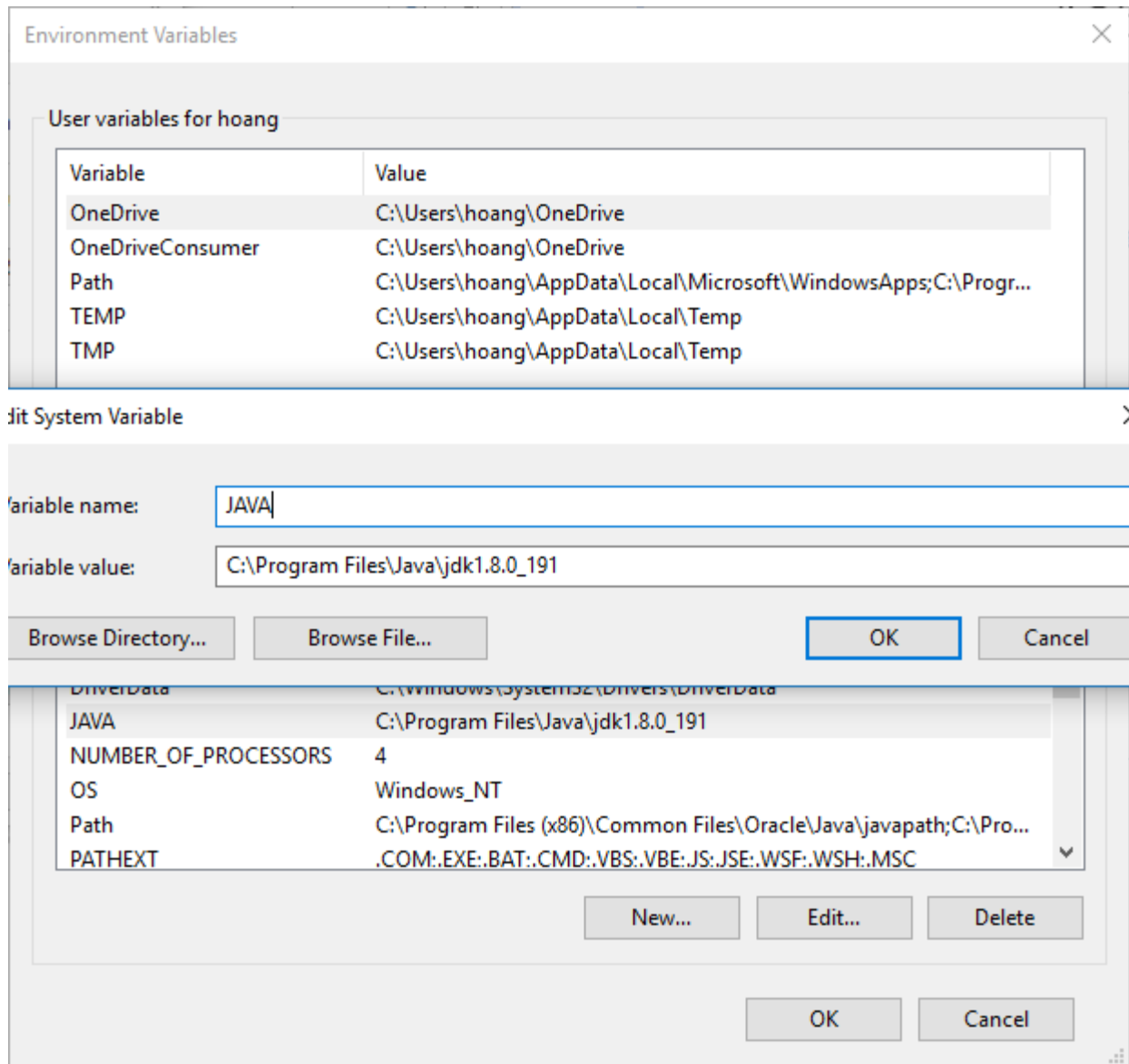
Cài đặt tham số môi trường cho Java



Nhấn chuột phải vào biểu tượng This PC, chọn Properties
Chọn Advanced system settings

Chọn tiếp Environment Variables

Chọn new rồi điền thông tin như hình.



Trong phần Path, chọn new rồi điền thông tin như hình

