**Lab 9: Disassembling C on Windows**

**Course Name**: Malware Analysis and Reverse Engineering (IAM302)

**Student Name**: Nguyễn Trần Vinh – SE160258

**Instructor Name**: Mai Hoàng Đỉnh

**Lab Due Date**: 15/2/2023

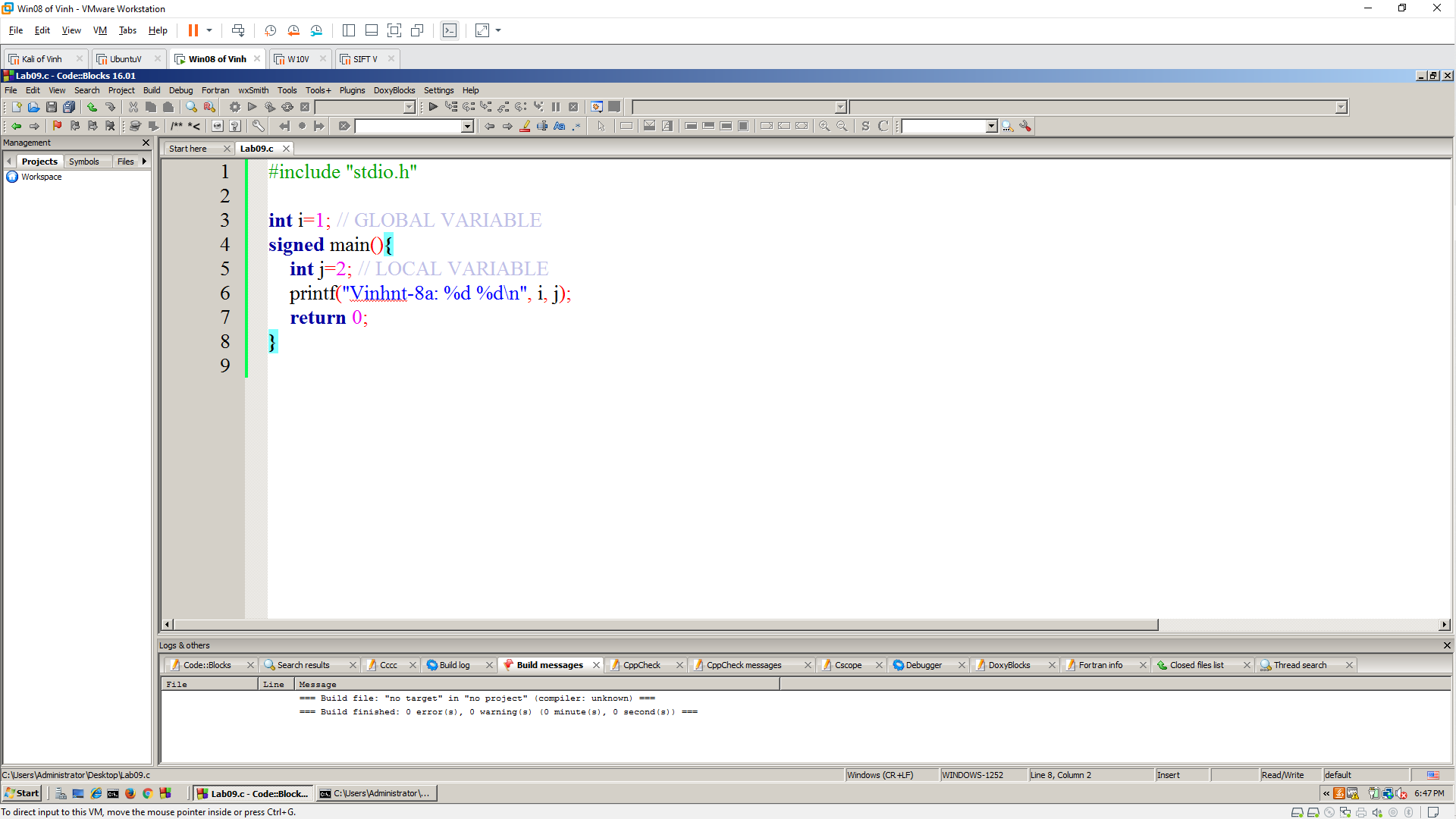
**Purpose**

You will write a small C programs, compile it, and examine it in the IDA Pro disassembler to learn what it looks like in assembly language.

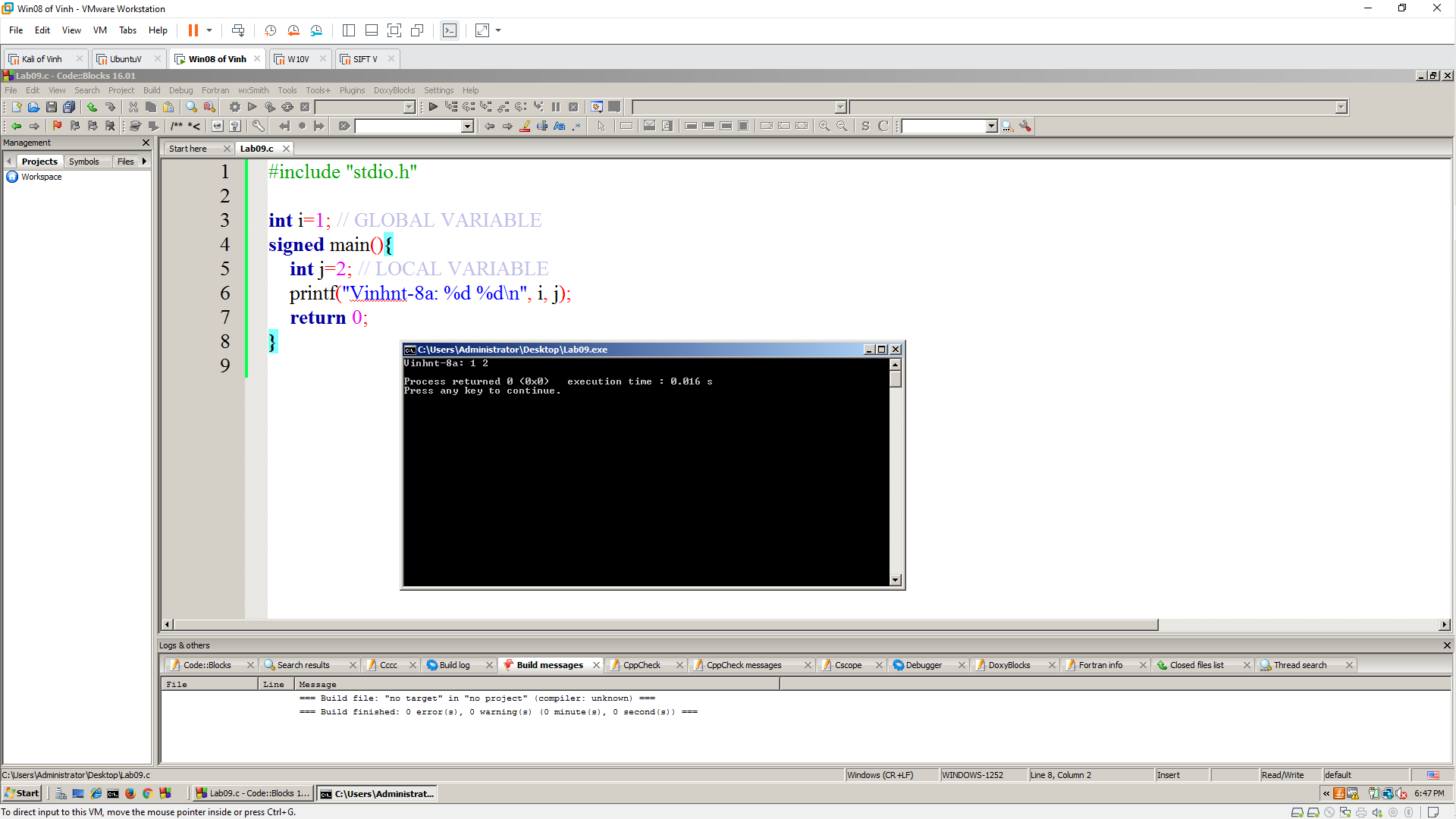
**What You Need**

* A Windows machine, real or virtual. I used Windows 8.
* Visual Studio Express, which you installed in a previous project.
* IDA Pro Free, which you installed in a previous project.

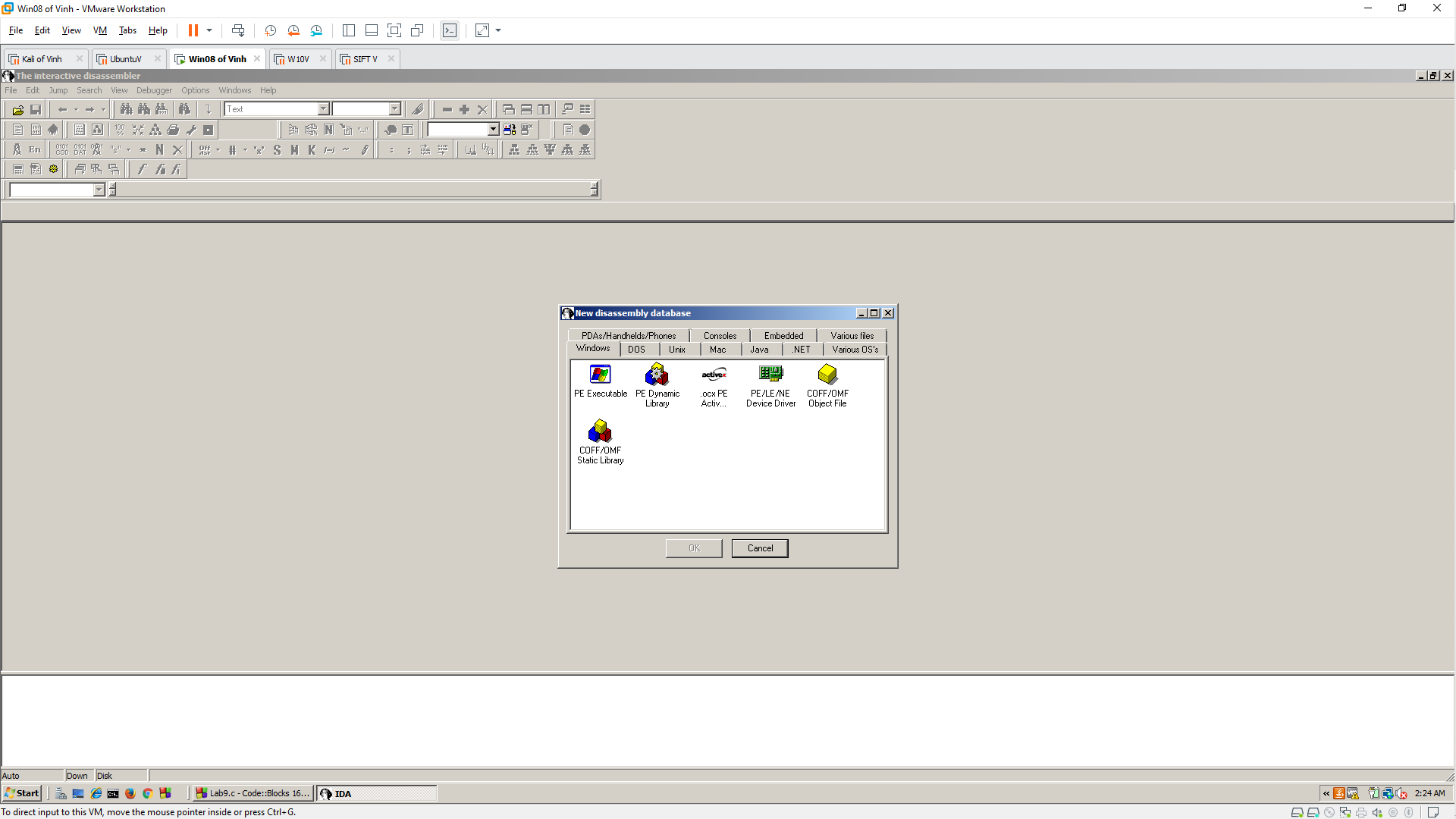
**Starting Visual Studio Express**

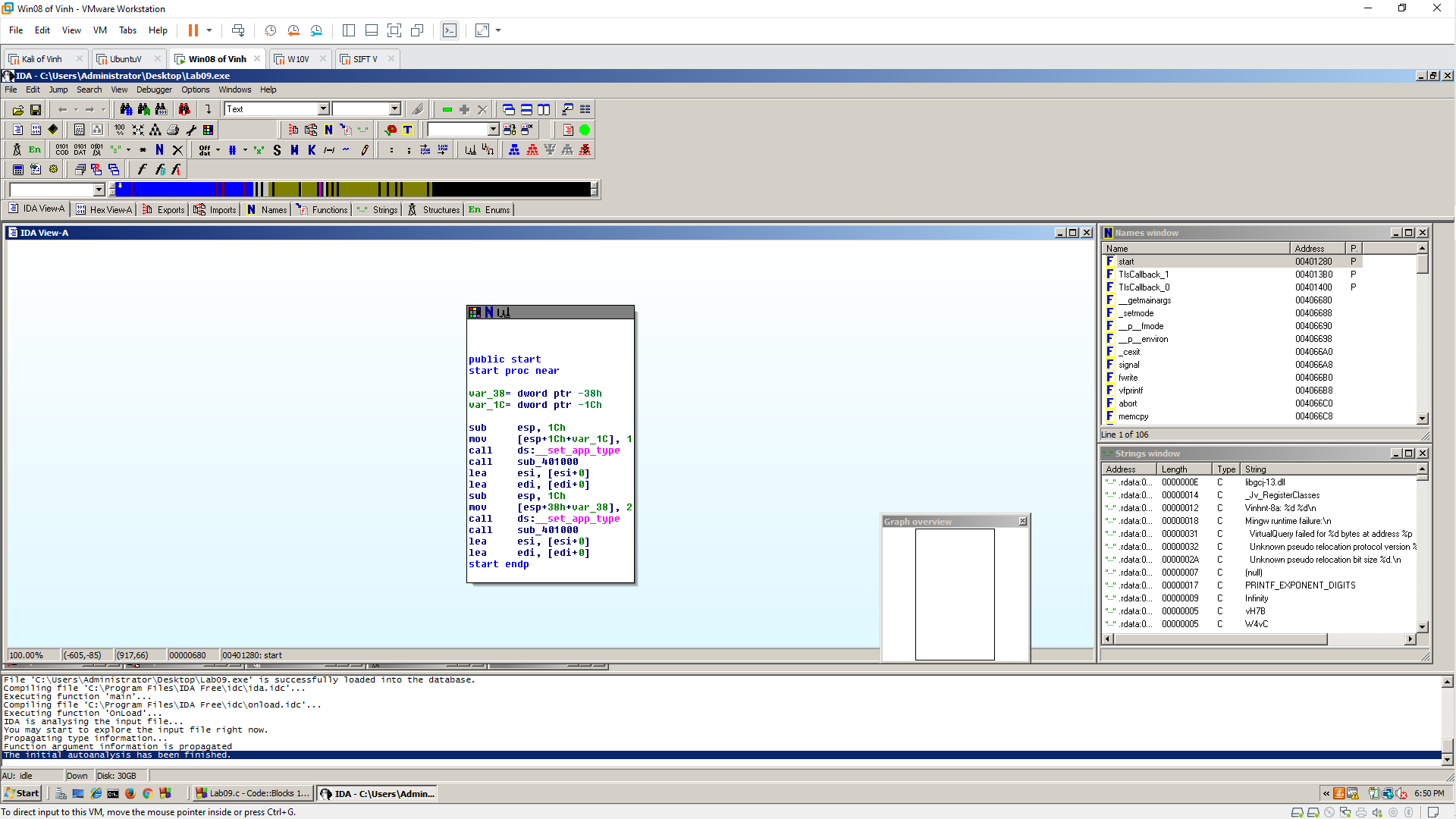
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**Build and Run**

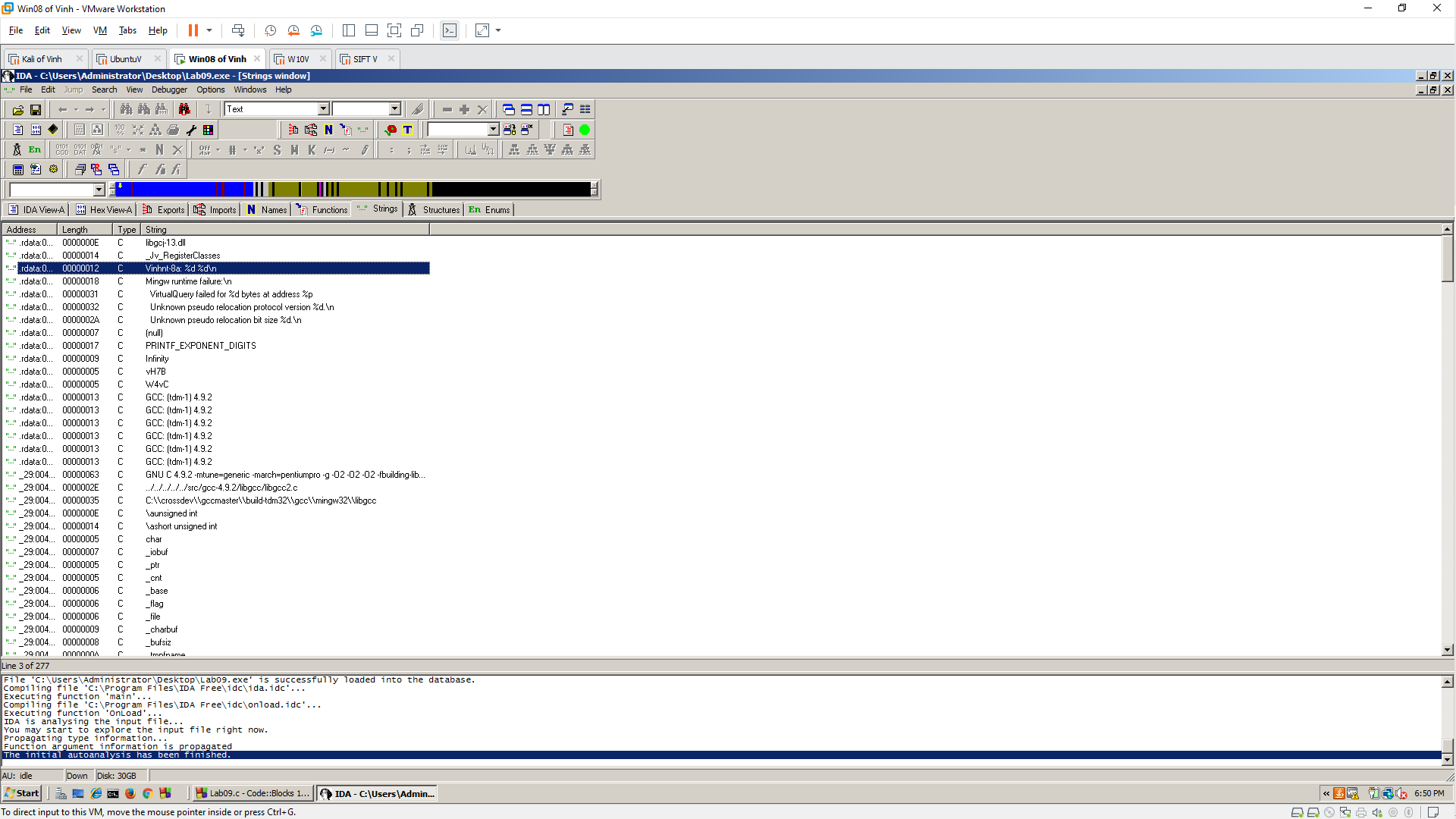
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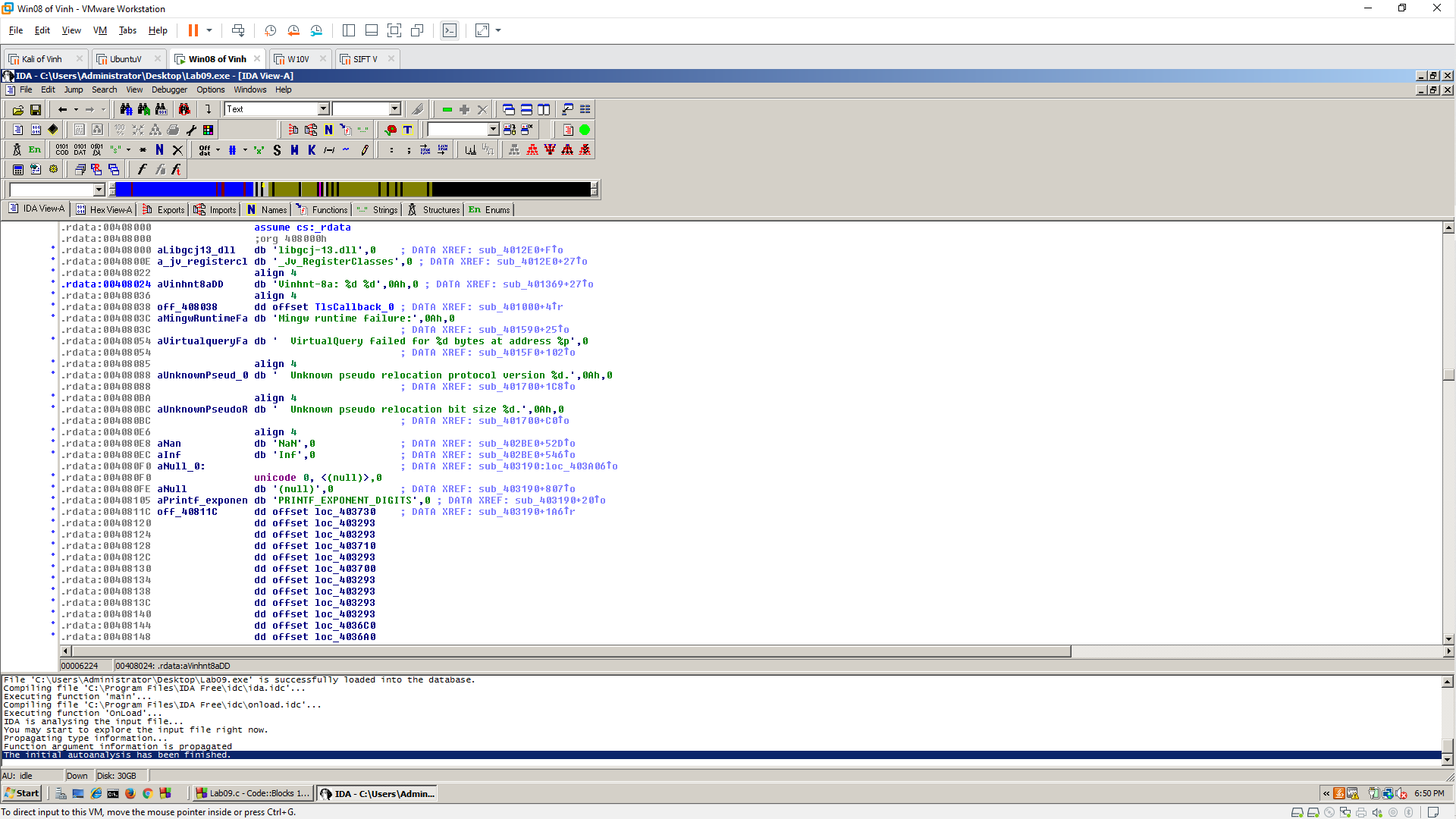
**Disassembling the EXE**

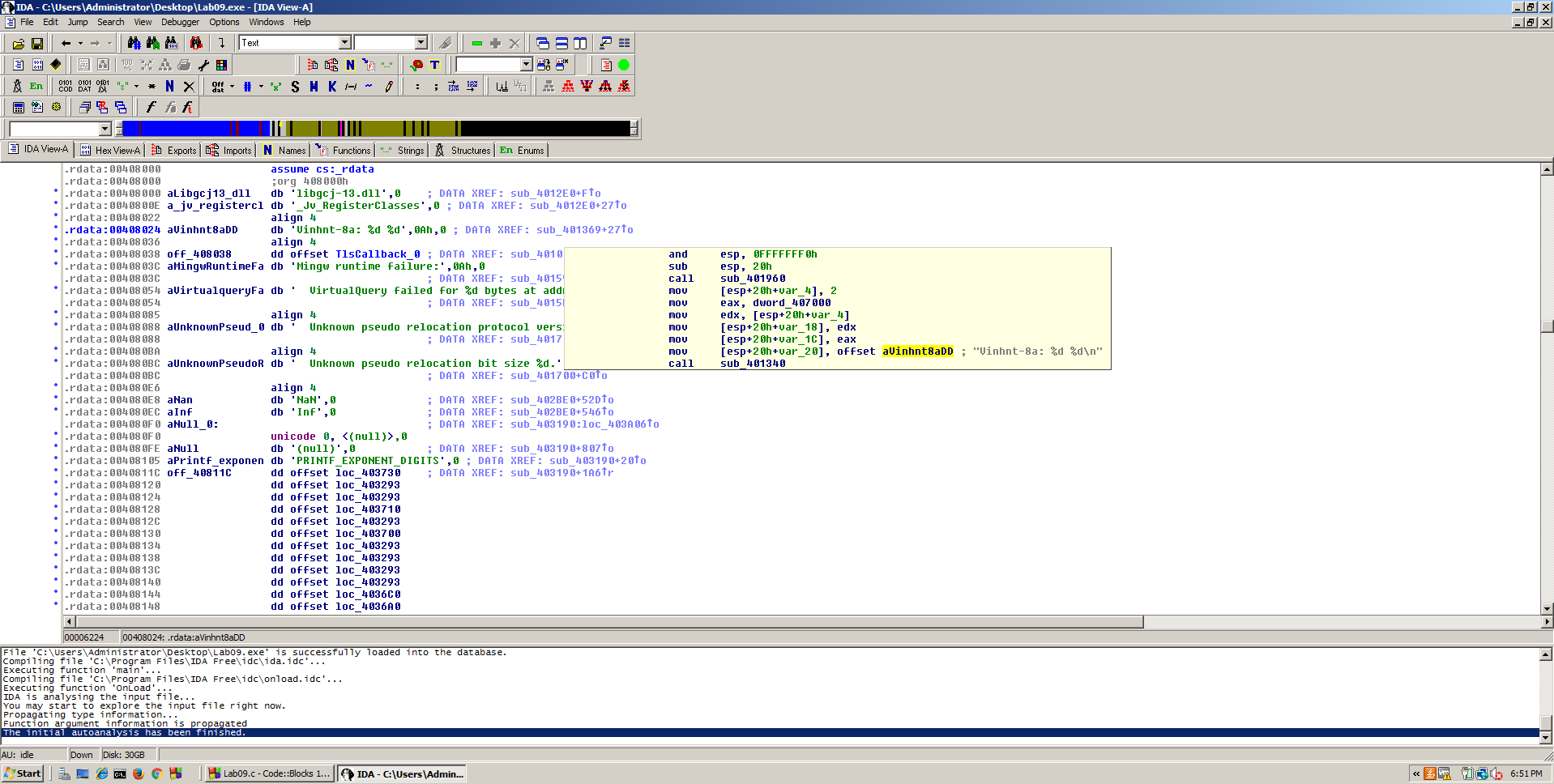
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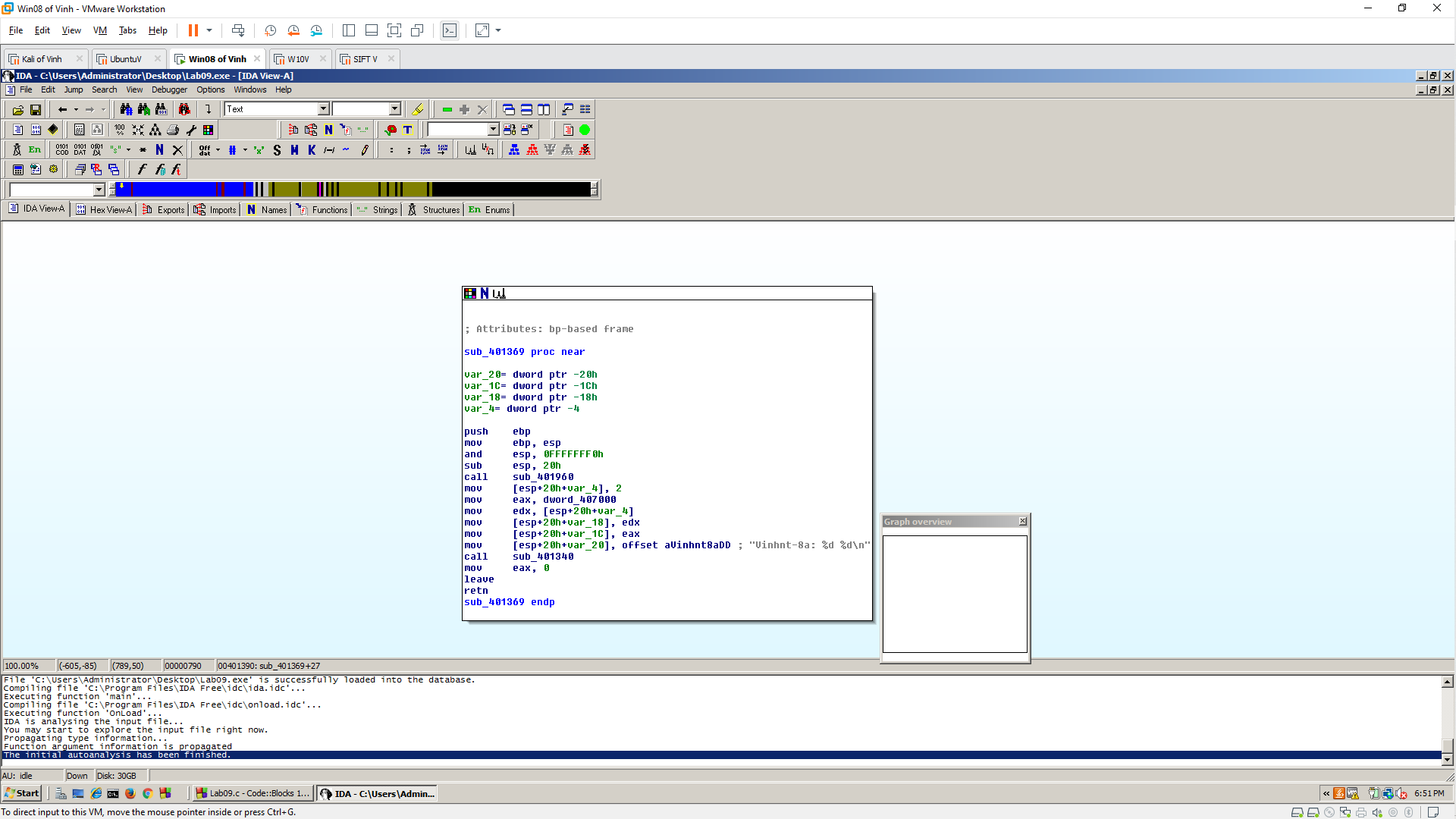
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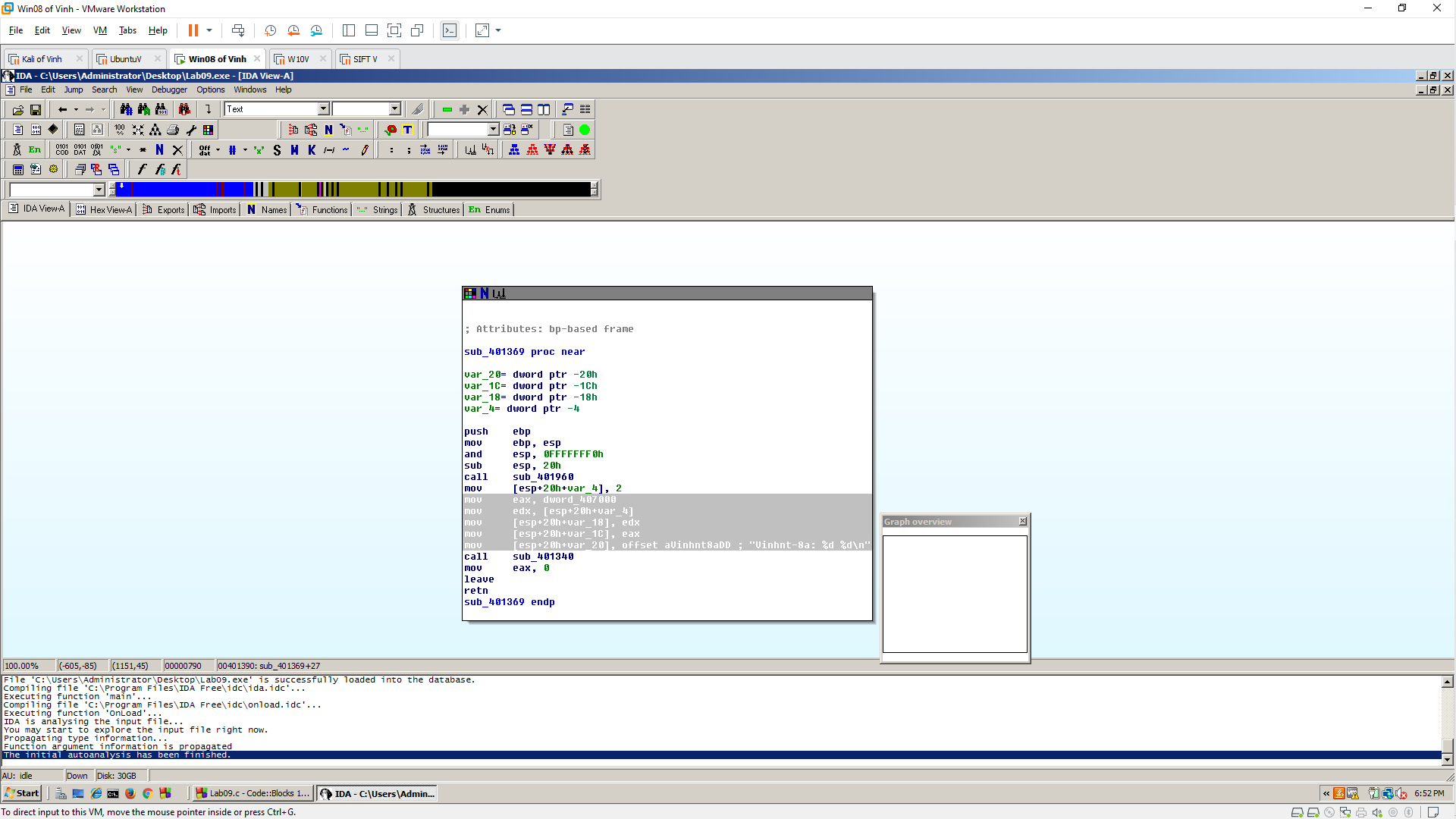
**Strings window**

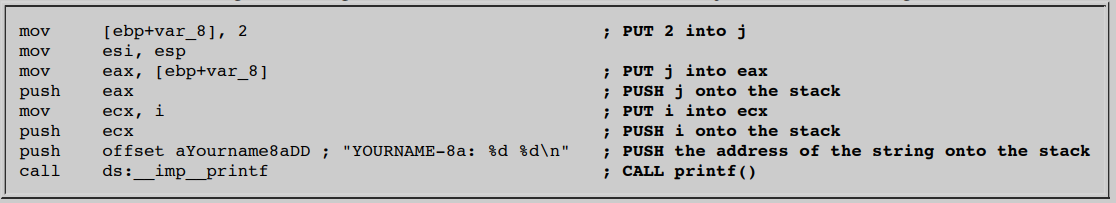
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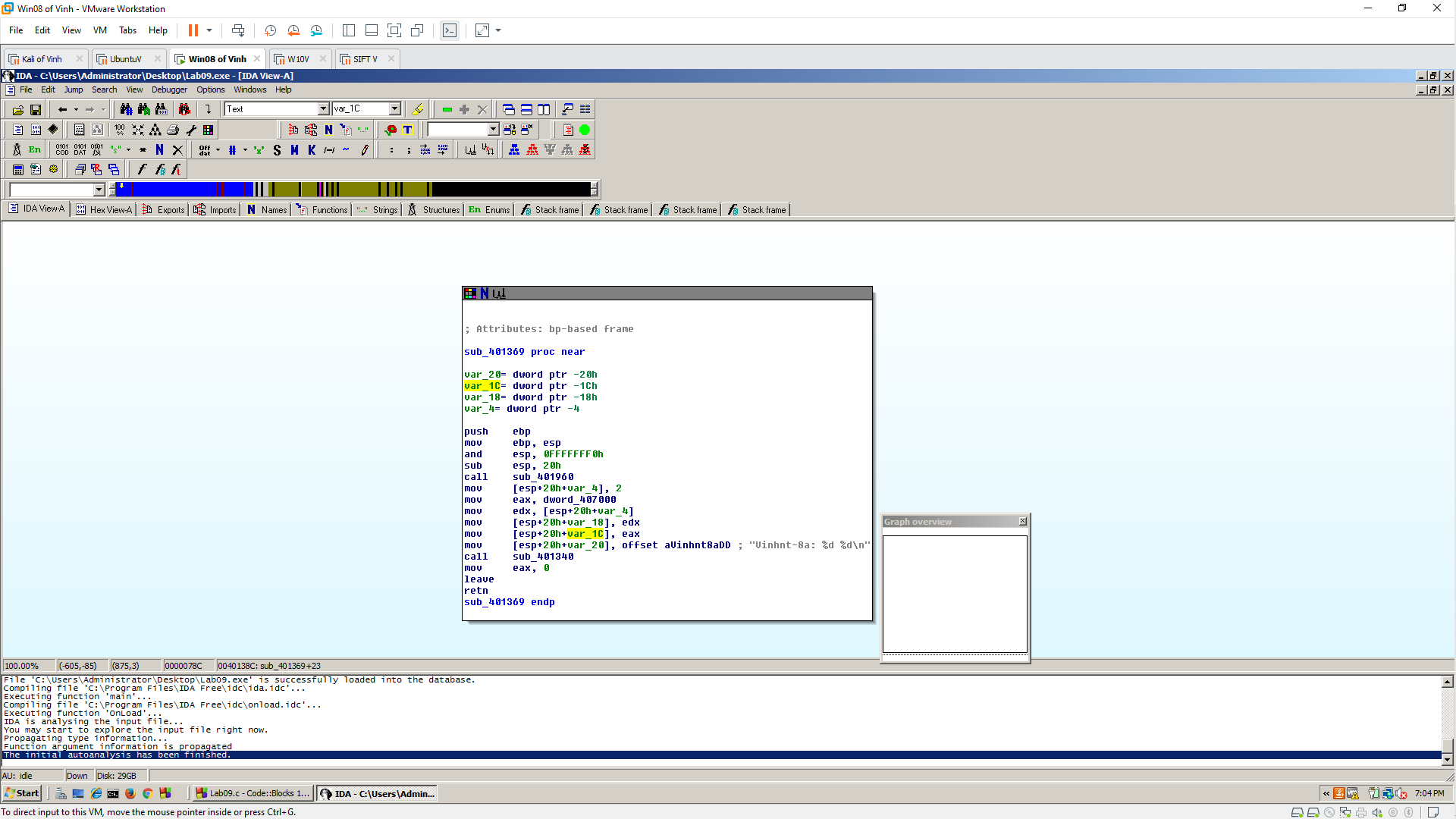
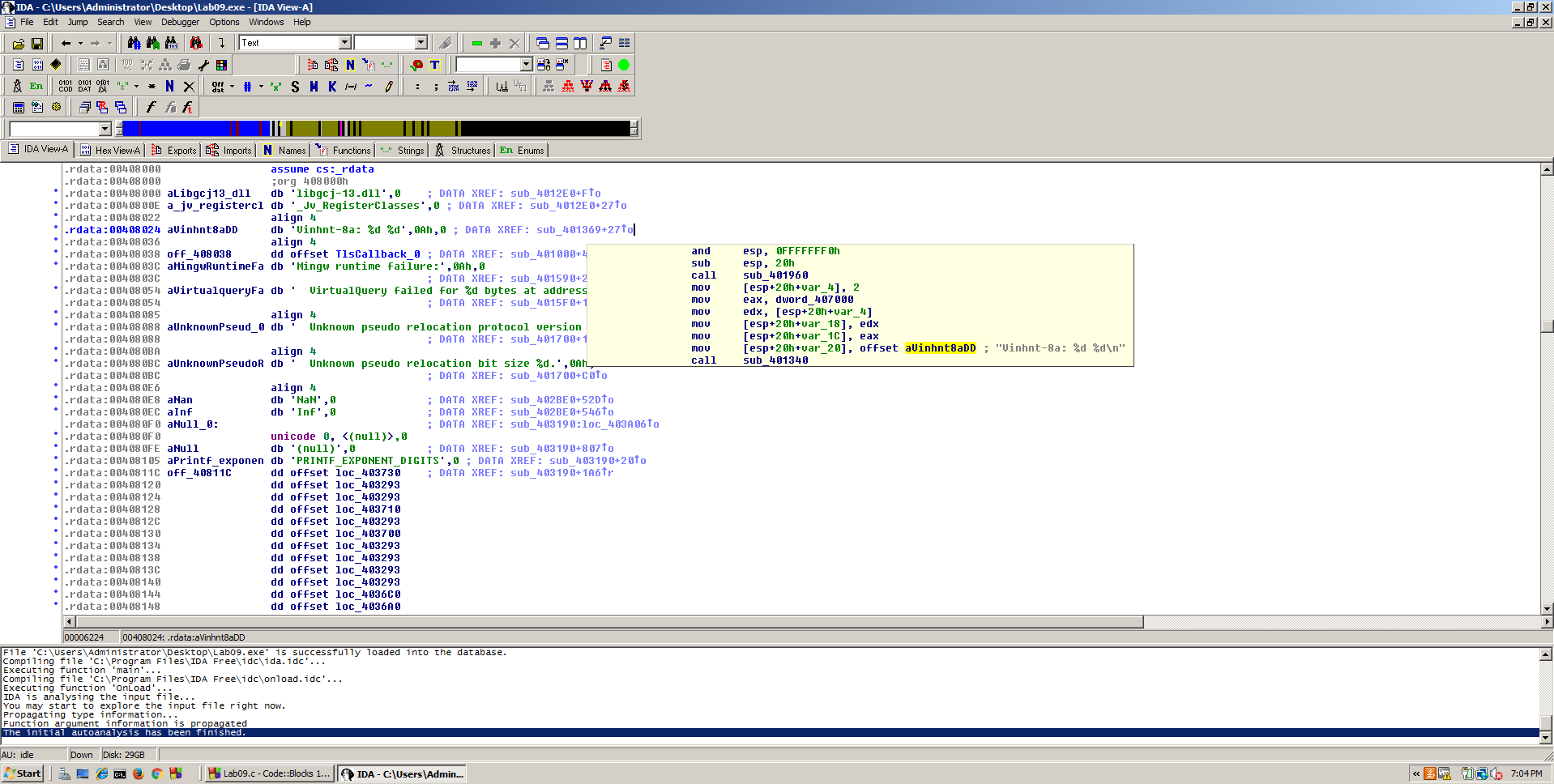
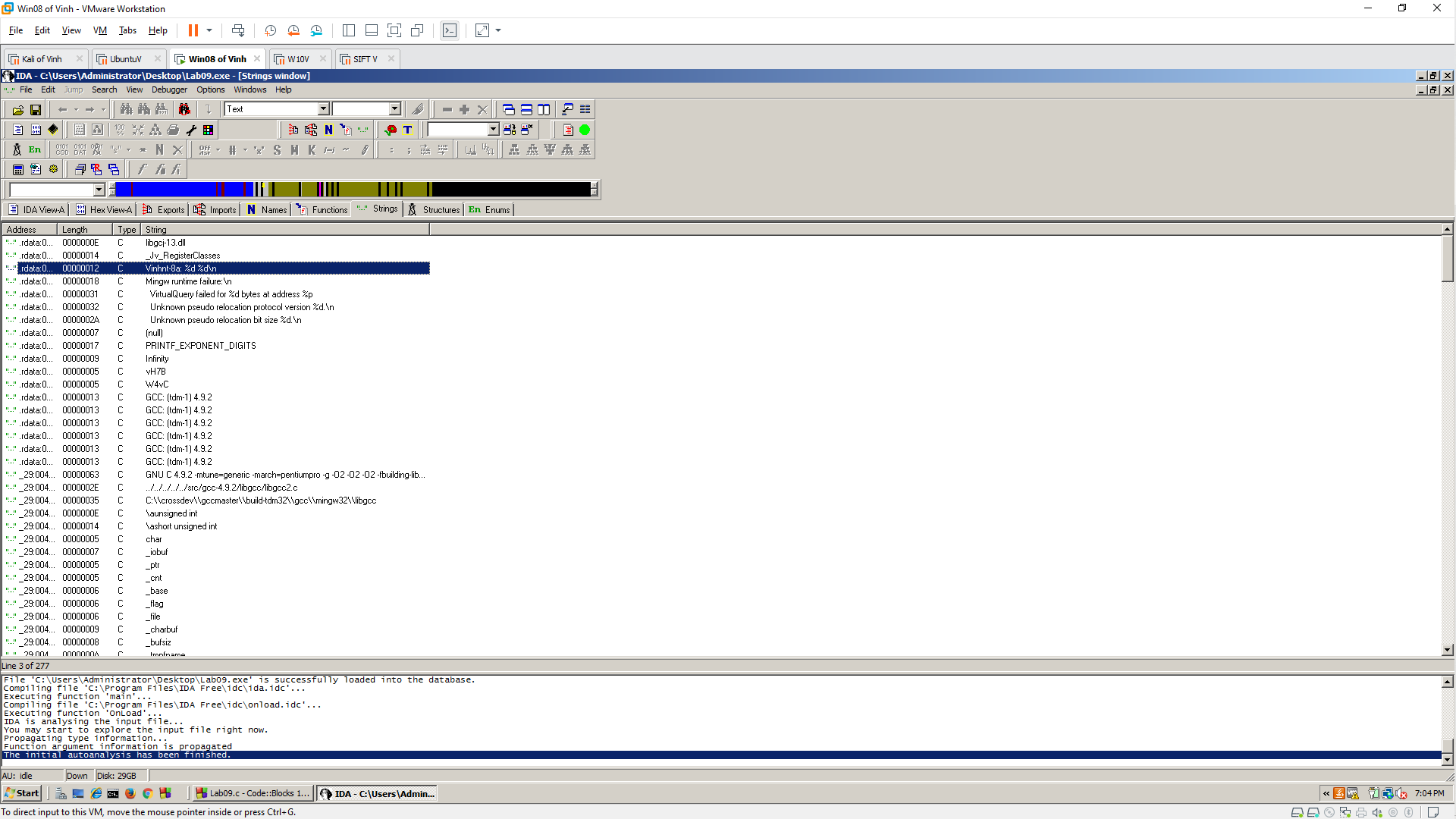
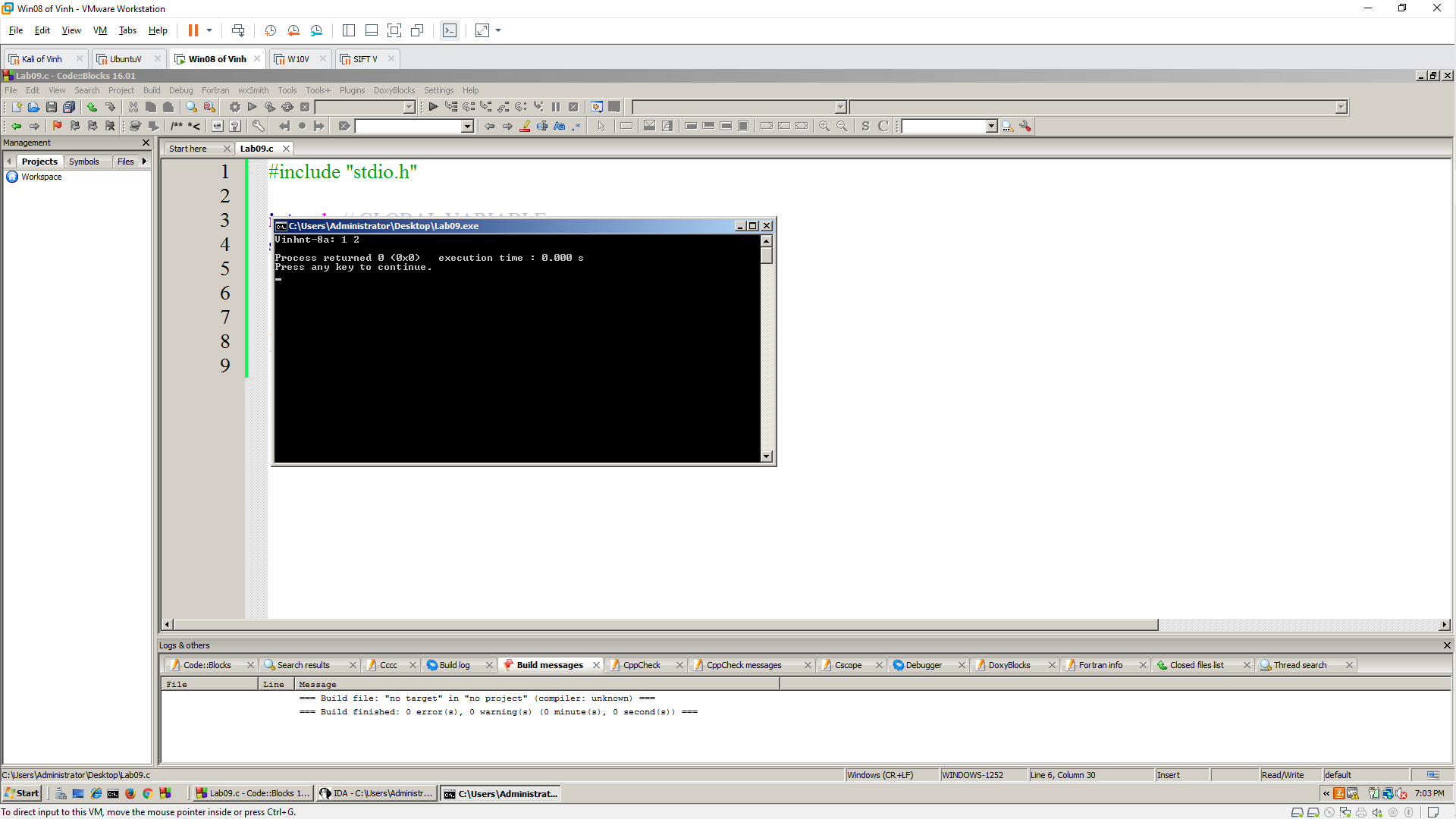
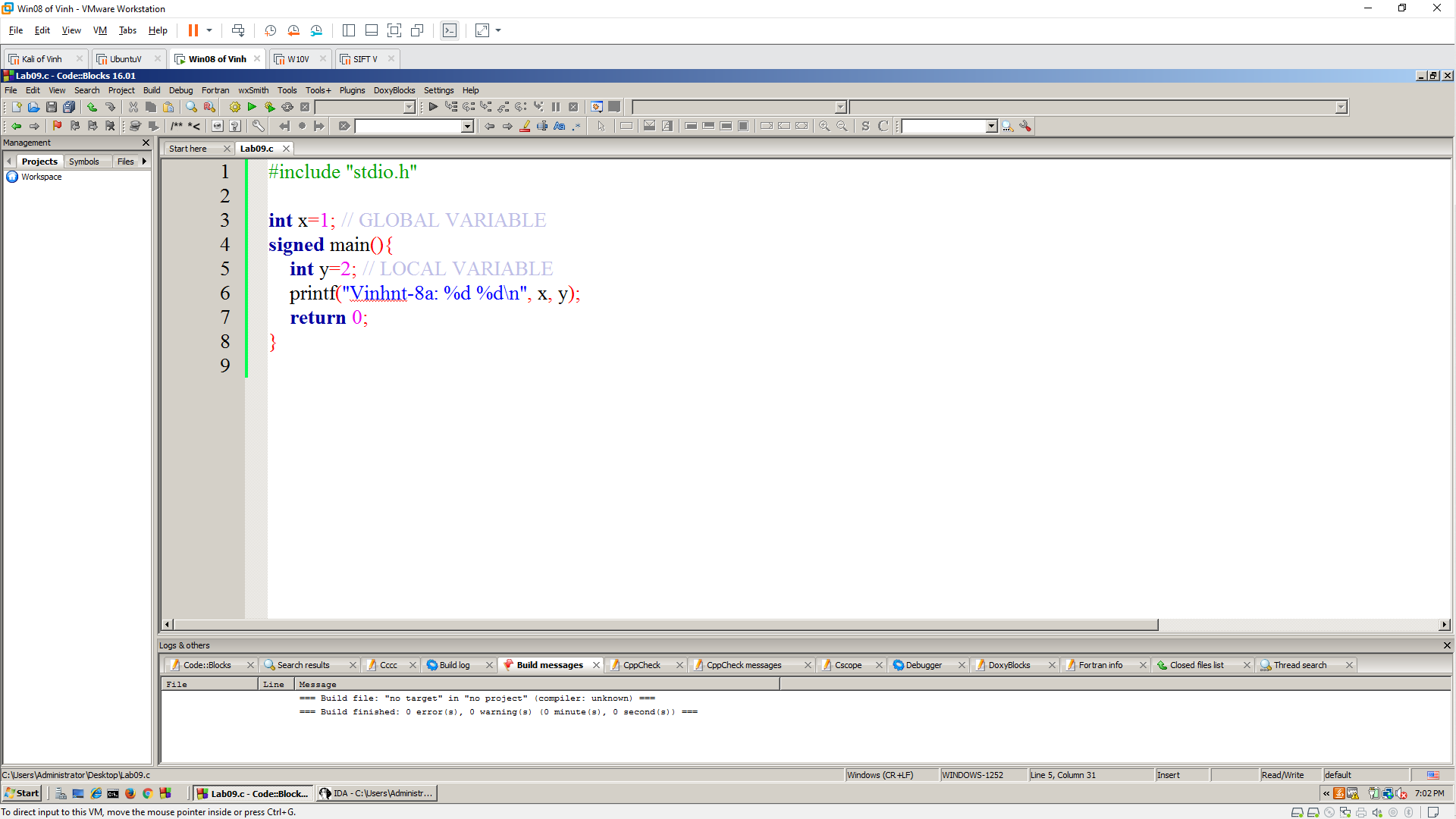
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**CHALLENGE: 10 Pts. Extra Credit**

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