**Lab 8: Using Jasmin to run x86 Assembly Code**

**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**

To practice writing and running basic x86 assembly code, using the Jasmin interpreter

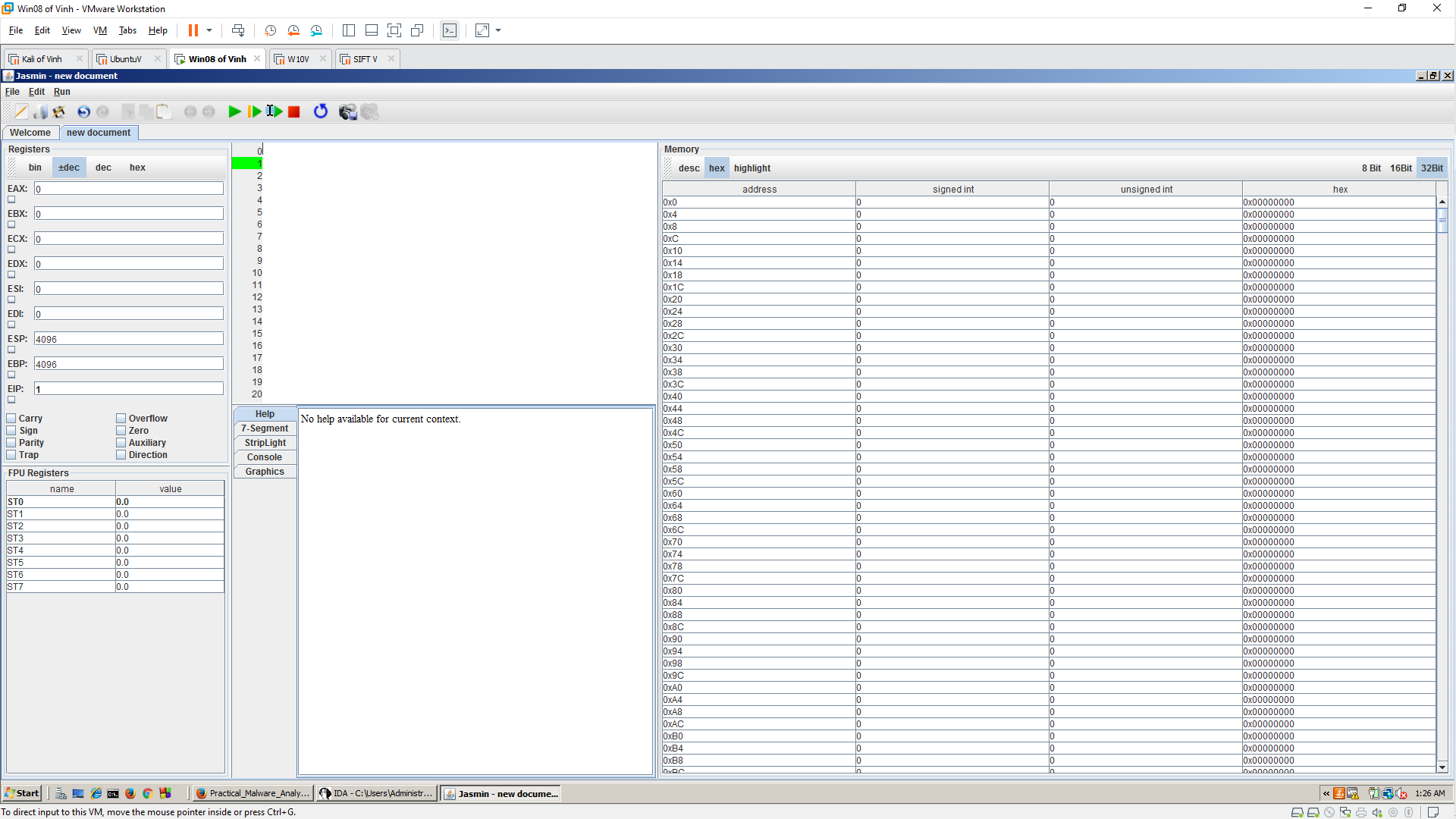
**What You Need for This Project**

* Any computer, running any OS

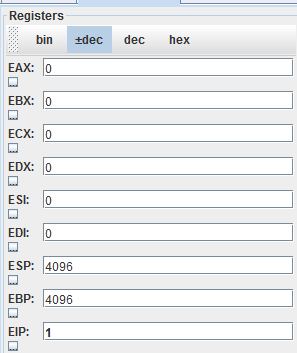
**Install Java**

**Download Jasmin**

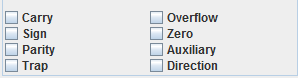
**Understanding the Jasmin Window**

****

**Registers**



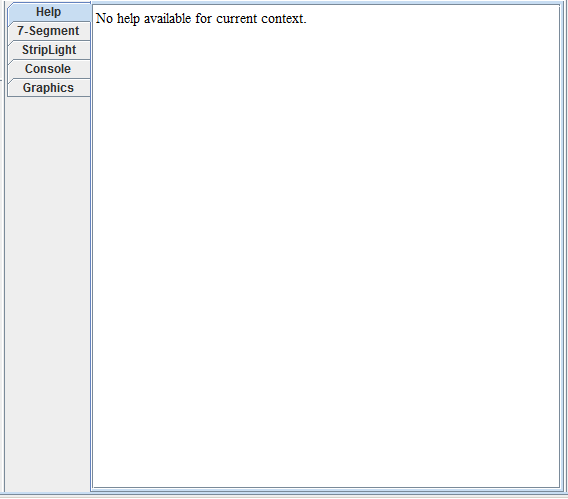
**Flags**

****

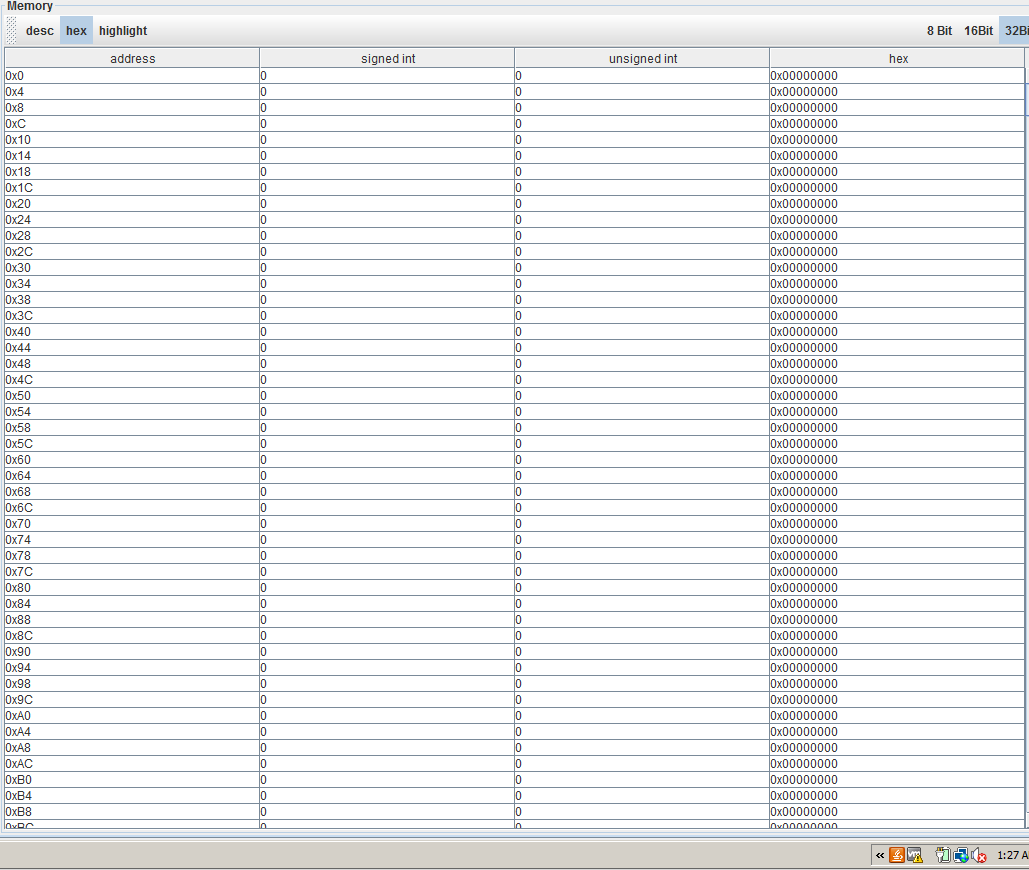
**Code**



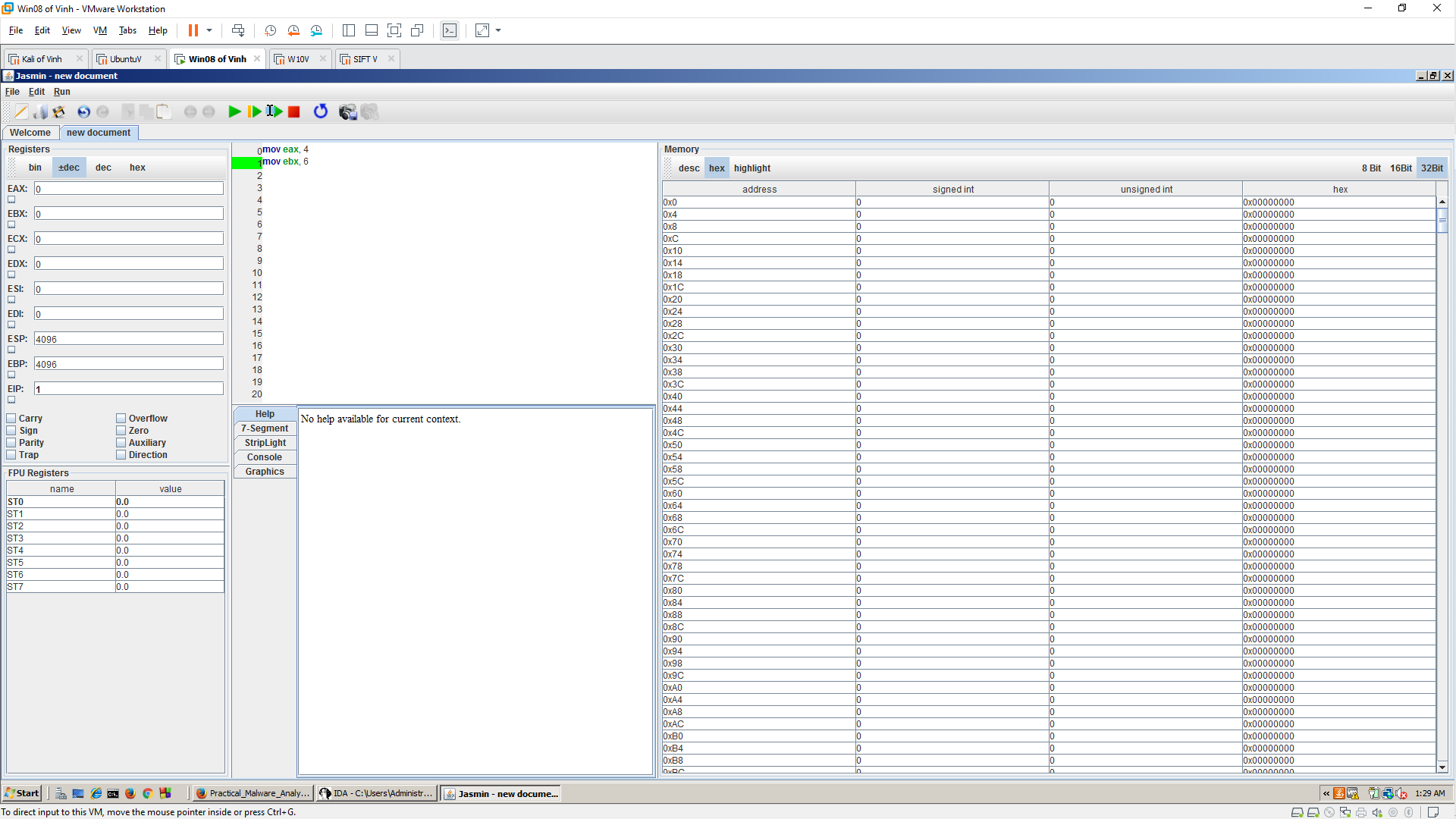
**Help**

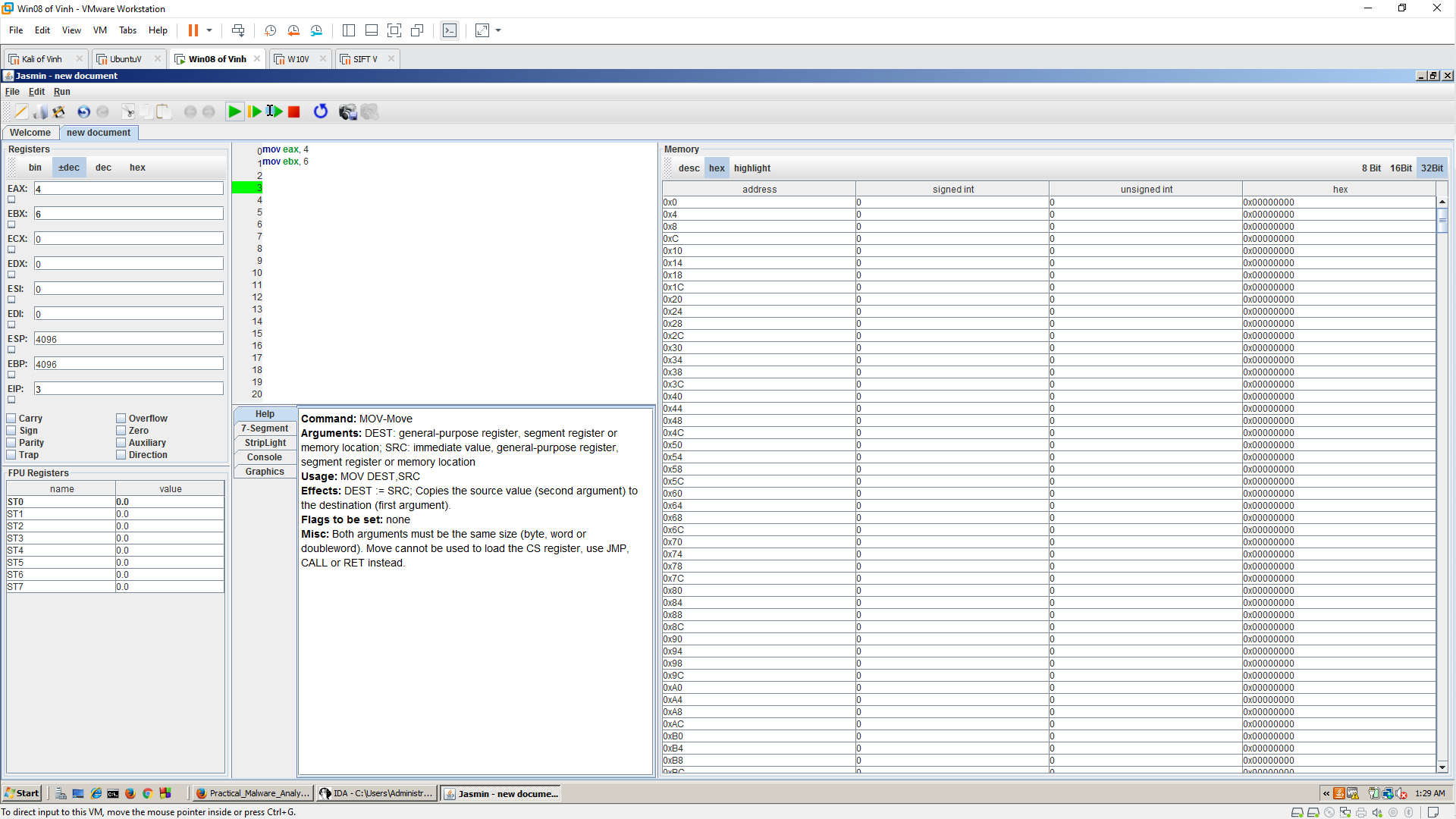


**Memory**

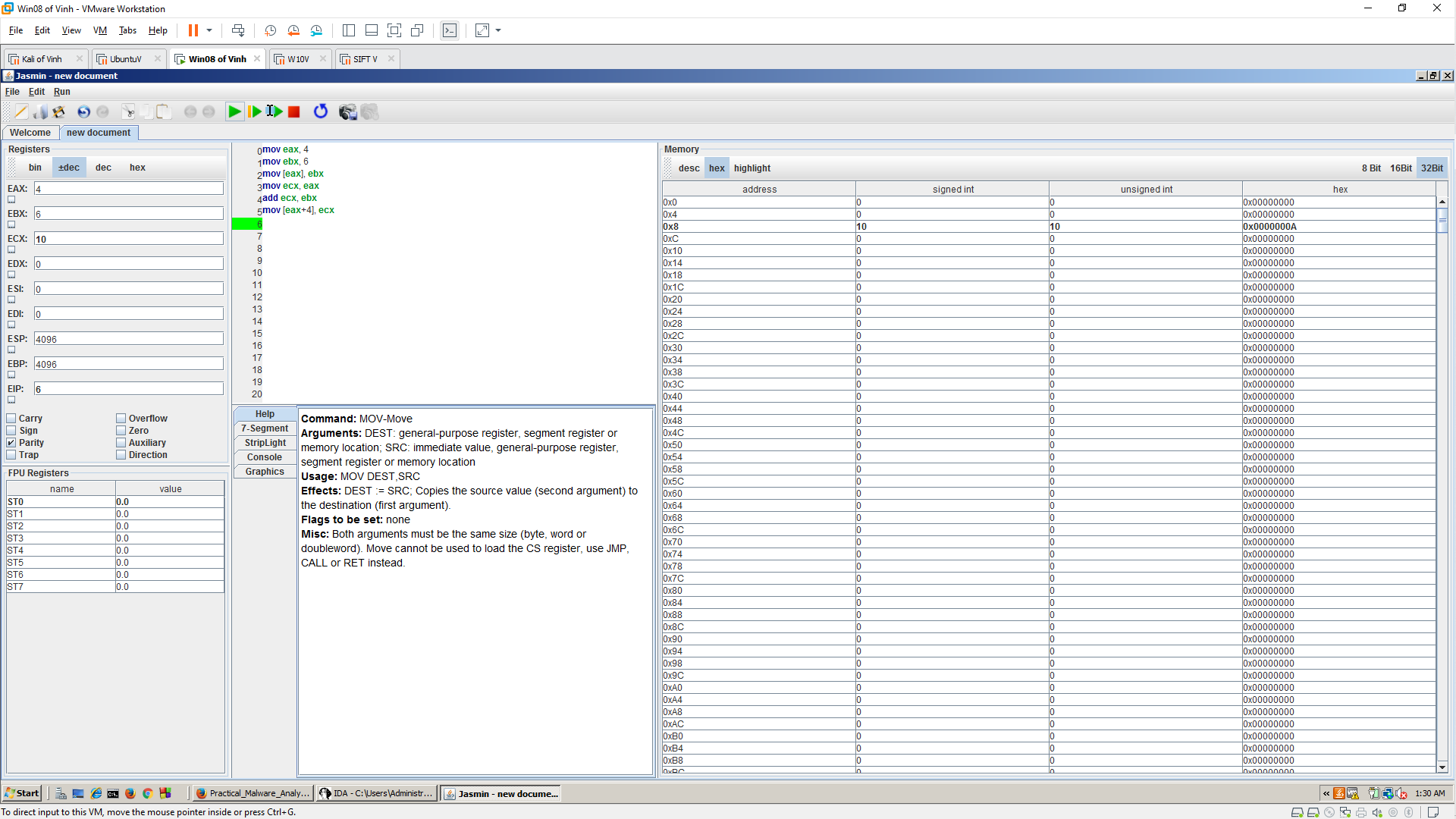
****

**Using mov Instructions**

****

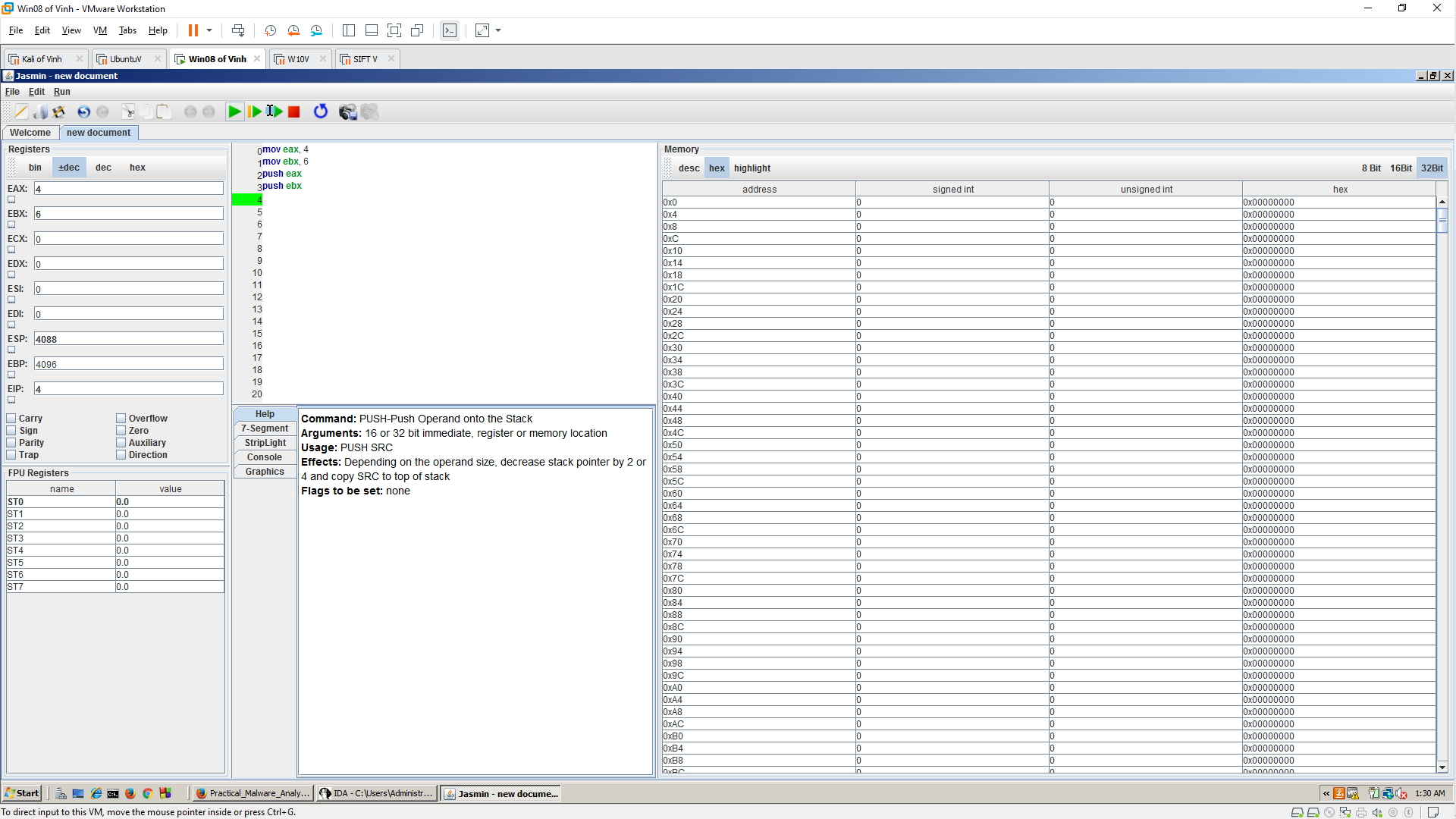
****

**Storing Results in Memory**

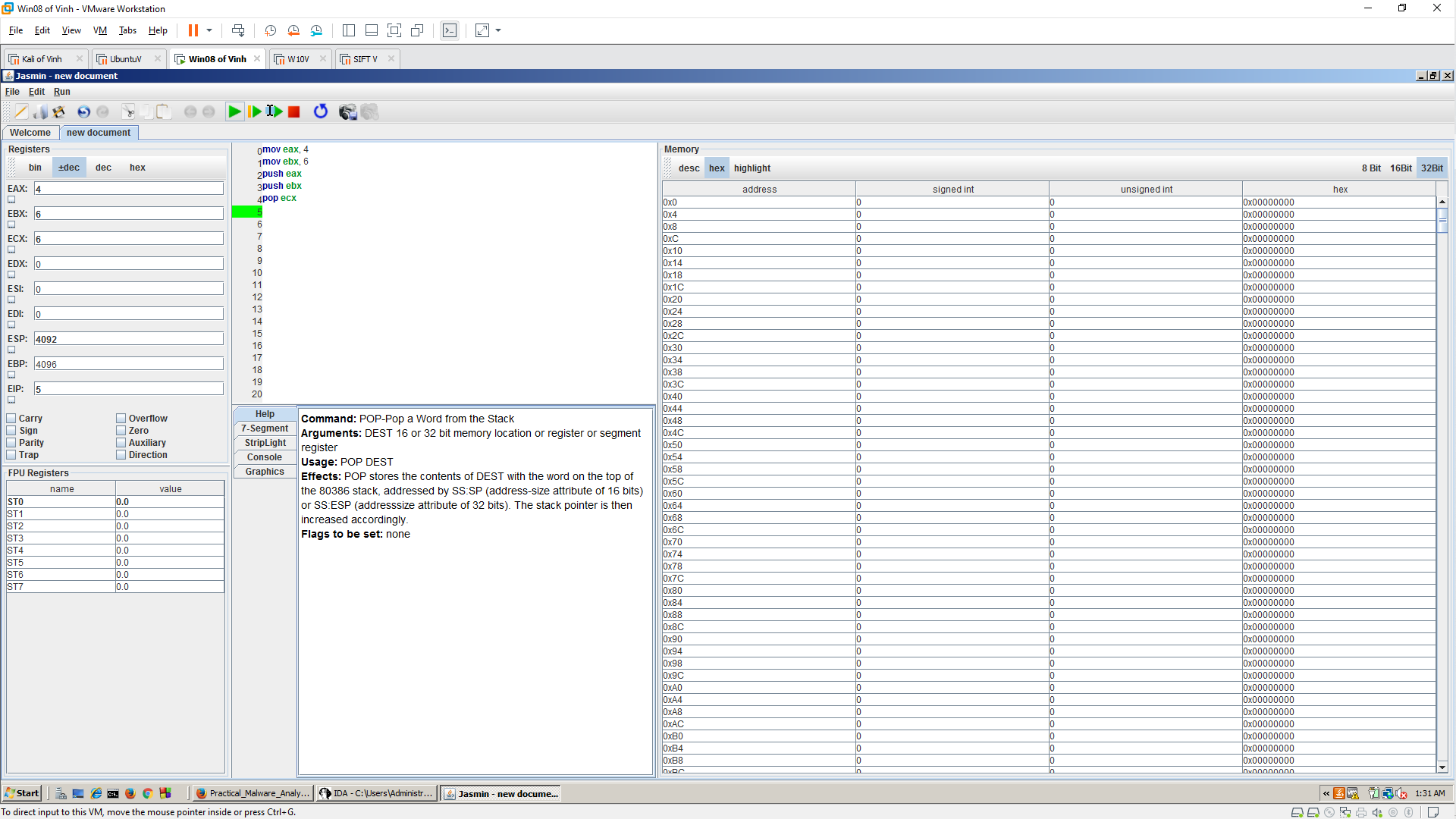
****

**Using the Stack**

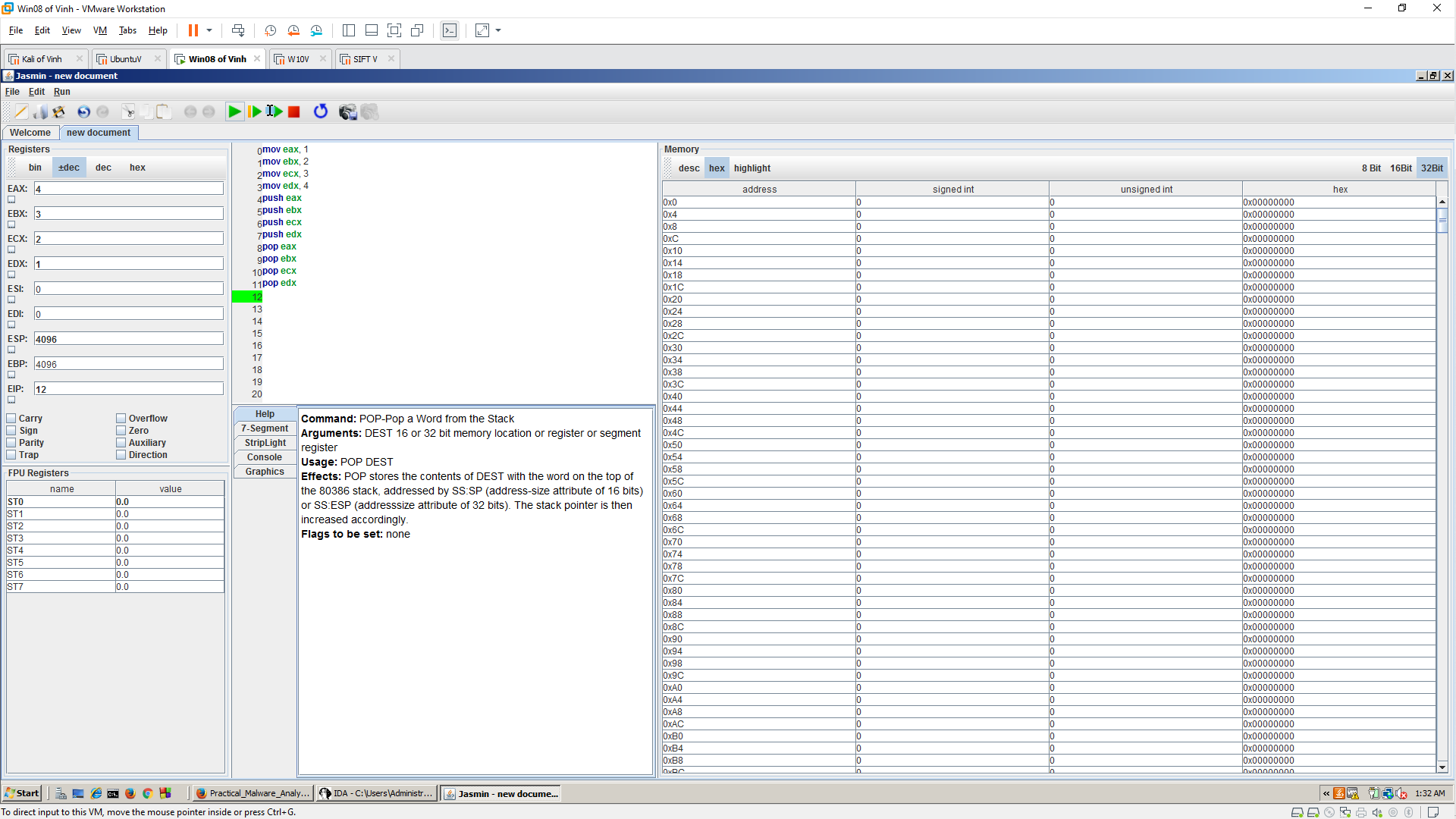
**Push**

****

**Pop**

****

**Reversing a Sequence**

****