

# SecurityTube Linux Assembly Expert (SLAE<sup>64</sup>)



## SecurityTube Linux Assembly Expert

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SWSE, SMFE, SPSE, SGDE, SISE, SLAE<sup>32,64</sup> Course Instructor

# Module 1: 64-Bit ASM on Linux

## 20. Procedures

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# Procedure

- Set of operations grouped together
- Called often from different places in the code
- `CALL Procedure_Name`
- In NASM procedures are defined using Labels

# Format of a Procedure

ProcedureName:

... code...

... code ...

... code ...

RET

# Arguments to a Procedure

- Passed via Registers
- Passed on the stack
- Passed as data structures in memory referenced by registers / or on stack

# Pentester Academy

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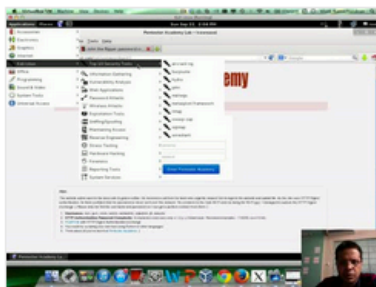
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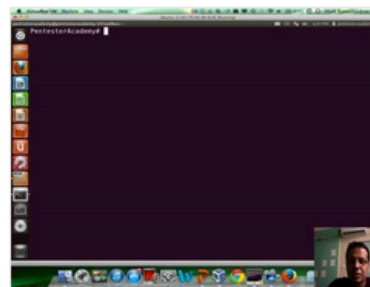
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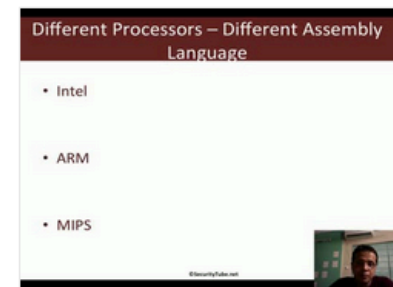
Challenge 7: Cracking Digest Authentication Solution in WAP Challenges



Challenge 7: Cracking Digest Authentication in WAP Challenges



Module 1: GDB Test Solution in x86\_64 Assembly Language and Shellcoding on Linux



Module 1: CPU Information in x86\_64 Assembly Language and Shellcoding on Linux