Supply Chain Management of

Footwear Industries in Bangladesh

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**Reverse Engineering TTC6510-3002**

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**Lab01**

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**First Step**

* At the **Main** function the comment **“Insert password”** grabbed my attention then reading thoroughly gives me confidence when in called for print.
* By **%d** my guess is that the input should be a decimal.
* Next, the action goes to the function call **check\_password** where it needs digging.

A screenshot of a computer

Description automatically generated

**Second Step**

* At the check\_password function it basically compares the password in branching with condition if it is correct or incorrect.
* If the input matches with **539h** (which is a hexadecimal value) then it prints correct (clue is found from the comment **“correct! \n”**)
* If it does not match with 539h then it should print incorrect and goes through function jnz **loc\_80491A9** which is the case if wrong password is given.

A screenshot of a computer

Description automatically generated

**Password**

Converting the hexadecimal number 539h to decimal we get 1337 thus, **1337** is the password.

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| Topic | Time |
| Lab01 | 5 hours |
| Report writing | 2 hours |

**Note:**

Turning the labranet VPN on and work on VLE may not work sometimes under local network or Wi-Fi even if the VPN perfectly works.