Supply Chain Management of

Footwear Industries in Bangladesh

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**Reverse Engineering TTC6510-3002**

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**Lab02**

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**Steps**

* 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.

A screenshot of a computer program

Description automatically generated

* Next, the action goes to the function call **check\_password** where it needs digging.

A screenshot of a computer program

Description automatically generated

* By **%x** it depicts that the input is converted in string value, so I should look for some string for my guess also.
* Then digging into **Correct** in the **ecx** registry opens up the following where I can see a string OxBEEF (it is also a hexadecimal value, a point of suspicion).

A close up of a computer screen

Description automatically generated

* Later digging into **unk\_804A012** also shows the same **OxBEEF** hexadecimal value that can be taken into consideration.

A screenshot of a computer

Description automatically generated

* Converting the hexadecimal **OxBEEF** value into decimal we get **48879,** which later input as the password.

A close up of a screen

Description automatically generated

* The above input proves the password.

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| Topic | Time |
| Lab02 | 2 hours |
| Report writing | 1 hours |