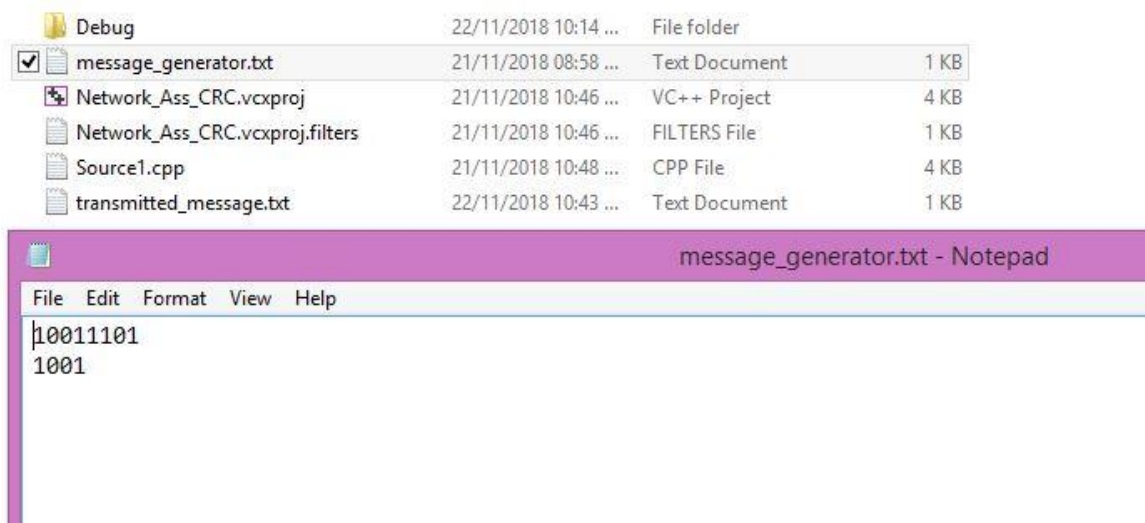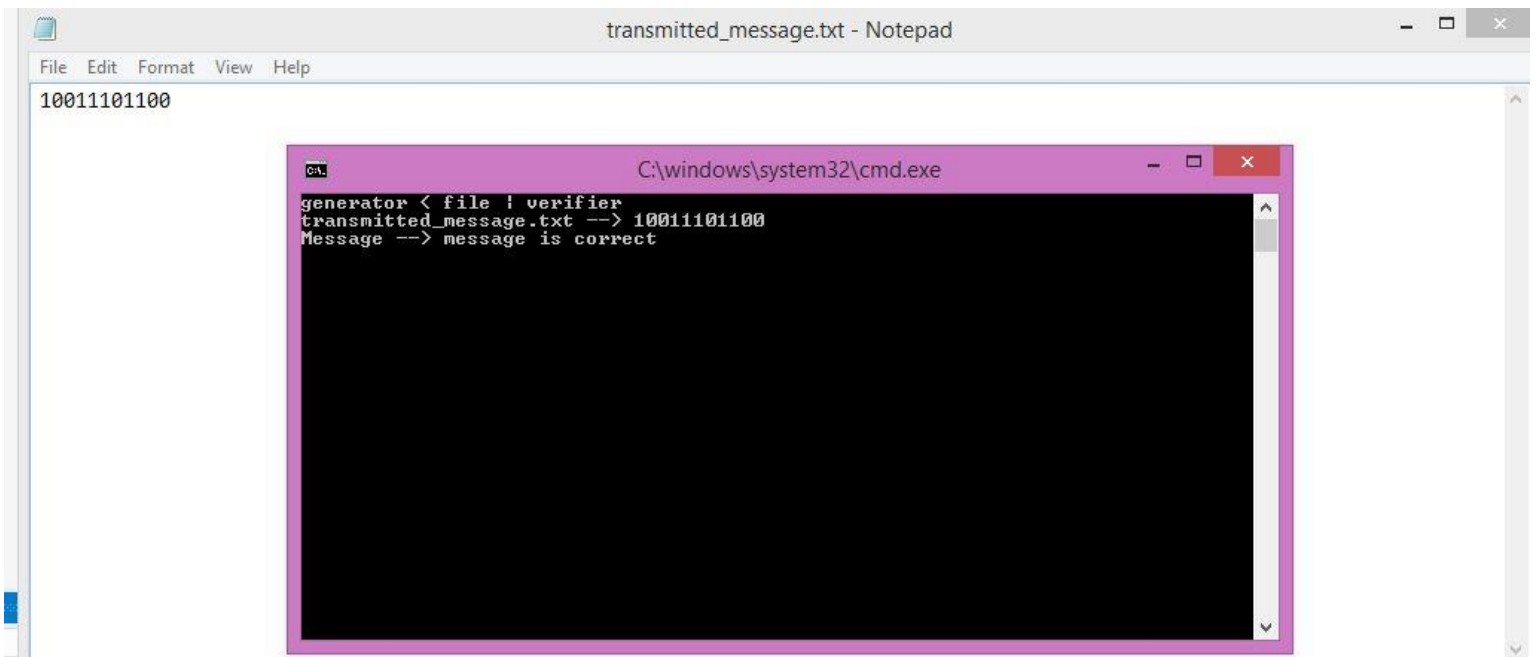# Network Assignment 1
## CRC DEMO

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# How to run the program

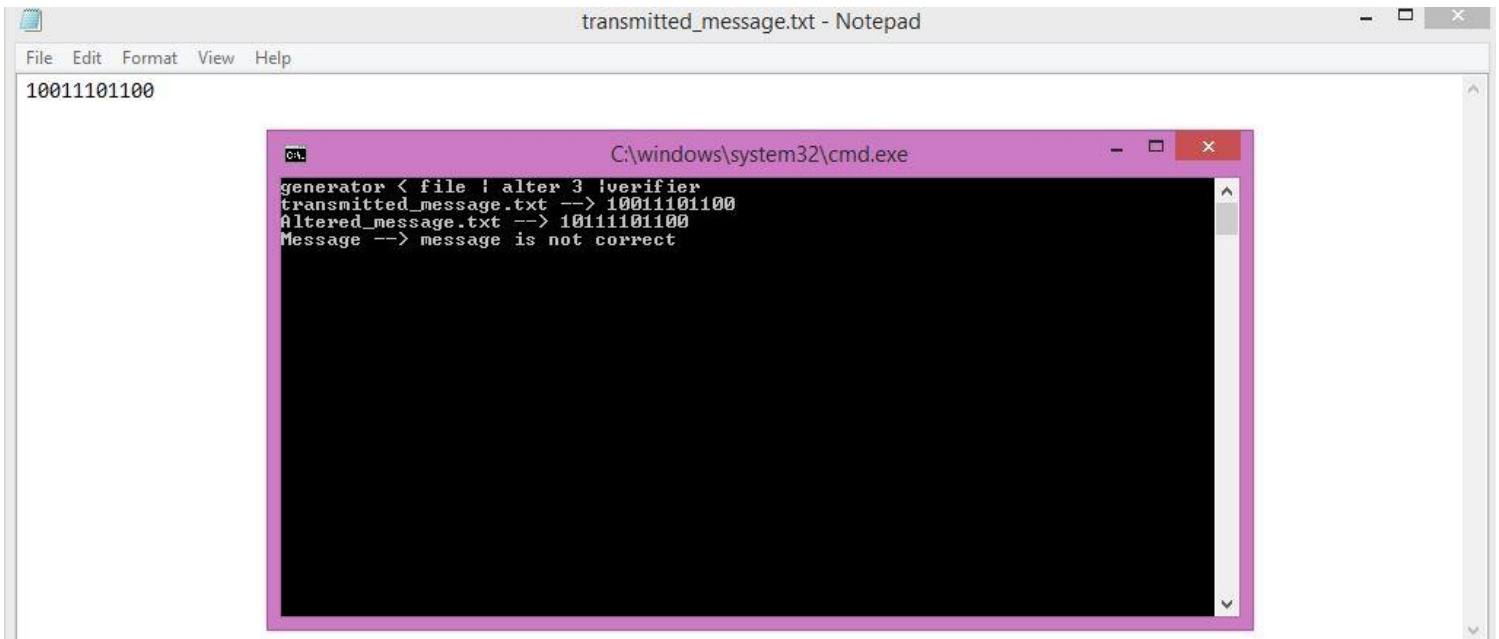- Put the input file with the code file.

- Open the .exe file .

- Type this command to test the message that sent correctly without alter
  " generator < file | verifier "

- The output will be :

```
transmitted_message.txt - Notepad
File   Edit   Format   View   Help
10011101100
```

```
C:\windows\system32\cmd.exe
generator < file | verifier
transmitted_message.txt --> 10011101100
Message --> message is correct
```

- Then type this command to test the message that sent with alter ( flipping the third bit )
  " generator < file | alter 3 |verifier "

- The output will be :



transmitted_message.txt - Notepad

File   Edit   Format   View   Help

10011101100

```
generator < file | alter 3 |verifier
transmitted_message.txt --> 10011101100
Altered_message.txt --> 10111101100
Message --> message is not correct
```