

The Network Assignment

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Description :

First : you should put "input.txt" file in the same directory of ".exe" file

- This input contains the original message in first line

And the generator polynomial in second line

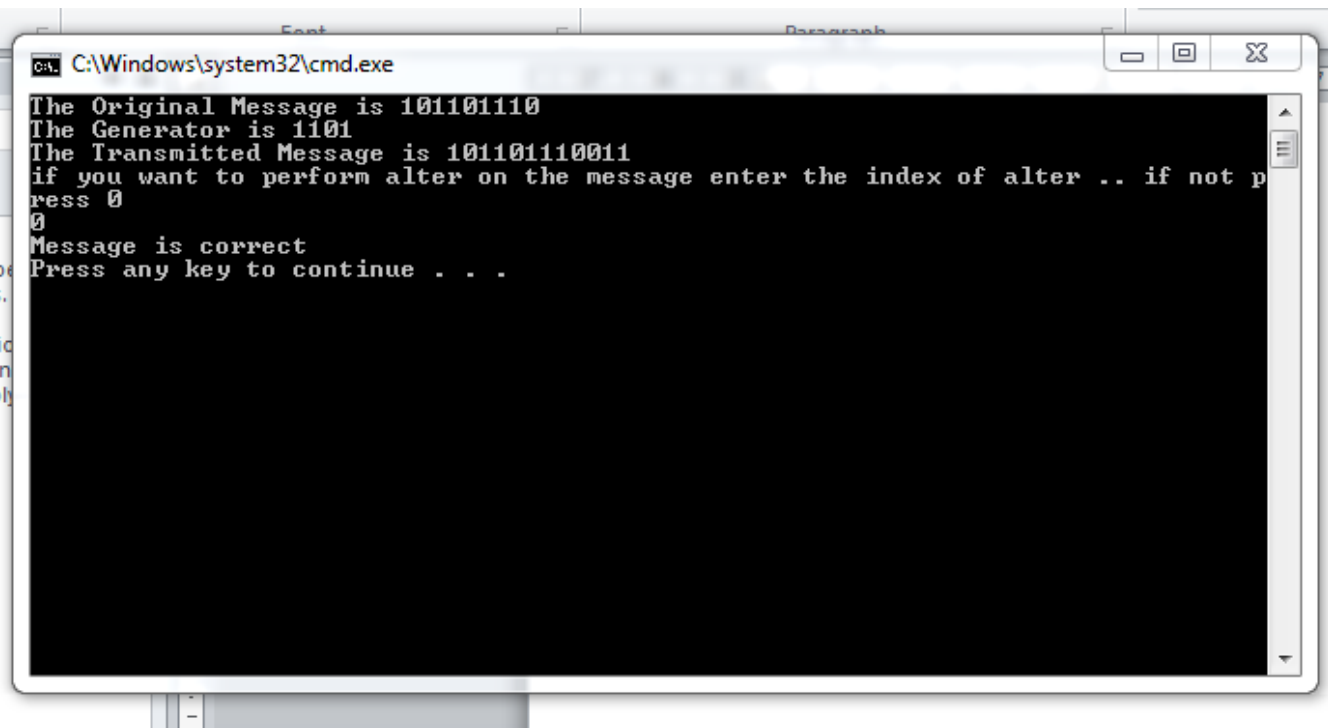
- The transmitted message will be generated by default while running the program , Then it will ask the user if he wants to alter the message by entering the index of altered bit

Or he wants to not alter the message by entering zero

Then the verifier will verify the transmitted message producing if it is correct or not

- The Output will be produced on command and also in output file

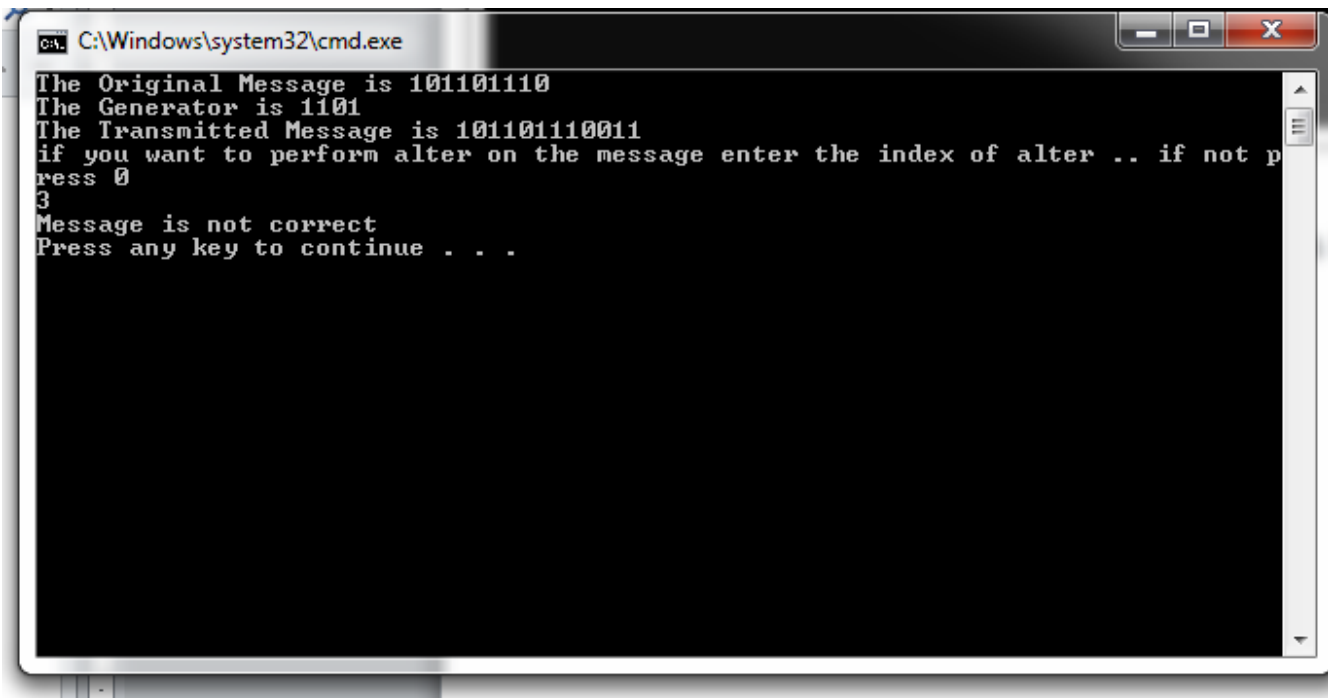
Screen Shoots for outputs:



```
C:\Windows\system32\cmd.exe

The Original Message is 101101110
The Generator is 1101
The Transmitted Message is 101101110011
if you want to perform alter on the message enter the index of alter .. if not p
ress 0
0
Message is correct
Press any key to continue . . .
```

If the user enters 0 which means that no altering



A screenshot of a Windows command prompt window titled "C:\Windows\system32\cmd.exe". The window contains the following text:

```
The Original Message is 101101110
The Generator is 1101
The Transmitted Message is 101101110011
if you want to perform alter on the message enter the index of alter .. if not p
ress 0
3
Message is not correct
Press any key to continue . . .
```

If the user enters the index number(3) which is altered