

## The Enigma 2 Email Code/Decoder 1.10.2016

In order to secure email from Google Mail, Hot mail, Facebook scanning of messages or Bulletin board private messages prying eyes use this email encrypting tool.

This program builds a master code table for coding of emails. While there are 256 ANSI characters many are not usable in emails. As such only about 200 characters can be used for coding or decoding. 5000 scrambled versions of this alphabet comprises the code table.

Build a code table. To build a new code table enter a name into box labeled File Name. Press 'Generate New Code'. The "Begin New Code" message appears if this file doesn't already exist. When complete the message 'Code file saved' appears.

If one or more code files exist they can be selected by selecting one in the drop down box under File Name.

To code an email message type it into the large window on the left or copy text from some other window and paste it into the box on the left. (Window shortcut key for copy is Control-C.

Windows shortcut key for paste is Control-V.)

Press Code.

The scrambled message appears in the large window on the right. Copy this into your email page. Send it.

Obviously the person receiving this must have a copy of this program as well as the code file you used to code it. The best way to get it to them is to hand deliver it on a floppy disc drive or flash memory drive. Any other way is not really secure but they are more convenient.

For added randomness a starting number other than 1 can be used. (Actually any number is calculated with modulus 5000.) Don't forget to include the number to tell the recipient the number they need so they can decode the message.

Other features are a 12 character password generation tool. As well as random quick picks of three popular lotteries.

The program uses a pseudo random number generator by Borland. This is not truly random but with the use of many null calls to the random function between actual selecting I try to inject more separation from a fixed sequence.

One reason I wrote this is because awhile back I sent a private email through some bulletin board to another person giving them my email address. Not soon after that I receive quite a number of spam messages. Also, it is known that many of the email vendors scan mail looking for marketing information.

—Update 1/10/2016 Powerball number generator updated to new number limit.