

MMBasic Programming Challenge 2022

We are pleased to announce the MMBasic Programming Challenge 2022. We hope it will encourage the endeavours of our community and perhaps prompt some of the lurkers to reveal themselves and their projects.

@bigmik, @lizby, @thuvill, @Turbo46

Rules:

- This competition is open to everyone except the organisers and their family members. Entrants do not have to be members of “The Back Shed” forum
- Submitted programs must total no more than 5 Kb (5120 bytes) in size including .bas, inc and any audio and graphical assets
 - size to be measured using the FILES/LS command,
 - “yes”, you can replace the CRLF at the end of each line with just LF to save a few bytes
- Within the 5 Kb limit submitted programs may consist of more than one file
- Programs may be submitted for the CMM1, CMM2, PicoMite (VGA) or MMBasic for Windows
- Submitted programs must work with the latest release version of the firmware (CMM1: 4.5C, CMM2: 5.07.01, PicoMite: 5.07.03) or latest beta for MMBasic for Windows (5.07.03b7 - though this may be a moving target.)
- Submitted programs may “do anything” but must be demonstrable with just “base” hardware:
 - CMM1 or CMM2 - keyboard and VGA monitor (no mouse)
 - PicoMite - SD card, keyboard and VGA monitor or 320x240 ILI9341
 - MMBasic for Windows - keyboard, mouse and monitor
 - *In the event that one of the judge’s cannot find/muster this hardware a submitted program may have to be judged based on a “ported” version, or even a recording made by another judge.*
- Submitted programs should be new to MMBasic and not rehashes of programs already available on <http://cmm2.fun/> or <http://www.fruitoftheshed.com/>

- Submitted programs should be attached to an email with the subject “MMBasic Programming Challenge 2022” sent to mmbasic.challenge@outlook.com (which will go to @thwill and be forwarded to the other judges)
 - Please pack multi-file programs into a common archive format (.zip, .tar, .tgz, .rar if you must)
 - If you do not receive an acknowledgement of your submission then it was probably eaten by the email system because of the attachment, send a separate email without attachment and we will find an alternative means to receive it, e.g. WeTransfer
- Entrants may only submit one program to the challenge. They may however change their entry at any time before the deadline for submissions (below)
- Submitted programs may not use CSUBs
- Submitted programs may use PEEK, POKE, MEMORY SET and MEMORY COPY
- Description and instructions should be included in the email when submitting a program
 - If your submission is heavily crunched to fit within the size limit then for posterity we would appreciate (but not mandate) that a readable copy is also provided. Judging will be based on the crunched version.
- By submitting, the entrants agree to publication of their programs, the descriptions and the instructions by the organisers in any form that they see fit whilst preserving attribution to the original author
- Entries will be scored on 3 categories:
 - Originality (up to 5 points)
 - Clarity (up to 5 points)
 - Impressiveness (up to 10 points)
- Deadline for entry: Wednesday 1st June
- Award ceremony: Friday 17th June
- Voting by a panel consisting of: Bill (@Turbo46), Lance (@lizby) and Tom (@thwill).
- Prizes provided by Bill (@Turbo46), Mick (@bigmik) and Tom (@thwill) to be paid by PayPal Friends and Family:
 - 1st: 30 GBP
 - 2nd: 20 GBP
 - 3rd: 10 GBP