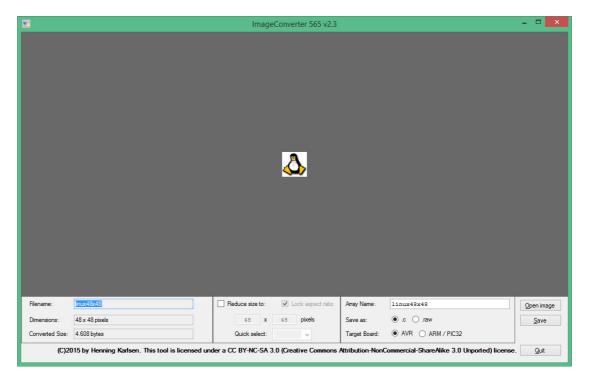
Instructions to convert an image for GCBasic SSD1289 driver:

- 1) Open the ImageConverter 565 v2.3 program
- 2) Open the Image you want to convert

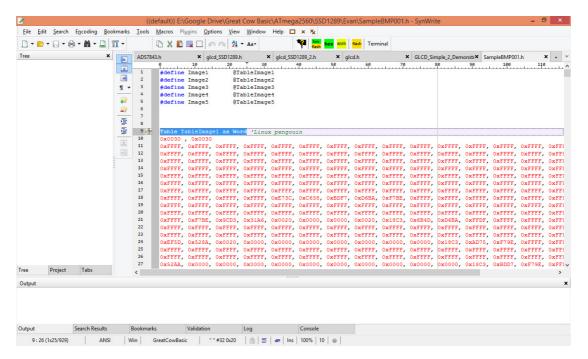


- 3) Make sure to check out how many pixels your image has. For example in the picture above the image has 48x48 pixels
- 4) You have to save your image as: .c and Target Board: AVR
- 5) Press save and name it as Linux.c .
- 6) From the edit menu use the replace tool and replace the // with ' or ;
- 7) if you followed the instructions correctly you will be able to see the following file

```
linux48x48.c - Σημειωματάρι
     <u>Α</u>ρχείο <u>Ε</u>πεξεργασία <u>Μ</u>ορφή Πρ<u>ο</u>βολή <u>Β</u>οήθεια
                    Generated by : ImageConverter 565 v2.3
Generated from: linux48x48.bmp
Time generated: 27/6/2015 12:80:41 πμ
Dimensions : 48x48 pixels
Size : 4.608 Bytes
const unsigned short linux48x48[0x900] ={

wxffff, 0xffff, 0xf
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          0x0020 (32)
0x0030 (48)
0x0040 (64)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 0x0000, 0x0000, 0x18C3, 0xAD75, 0xF79E, 0xFFFF, 0xFFFF
     0xEF5D, 0x528A, 0x0020, 0x0000, 0x0000, 0xFFFF, 0xFFFF
                                                                                                                                                                                                                                                                                                                                                                                  0x0000, 0x0000, 0x0000,
0xFFFF, 0xFFFF, 0xFFFF,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          0x00E0 (224)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         0xFFFF
     0xFFFF, 0xFFFF, 0xFFFF, 0xFFFF, 0xFFFF,
                                                                                                                                                                                                                                                                                                                                                                                    0xFFFF.
                                                                                                                                                                                                                                                                                                                                                                                                                                                            0xFFFF,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       0xFFFF.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          0x0100 (256
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         0x0000, 0x0000, 0x18C3, 0xBDD7, 0xF79E, 0xFFFF, 0xFFFF
     0x52AA, 0x0000, 0x0000, 0x0000,
                                                                                                                                                                                                                                                                                                       0x0000,
                                                                                                                                                                                                                                                                                                                                                                                    0x0000,
                                                                                                                                                                                                                                                                                                                                                                                                                                                            0x0000,
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 0x0000,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          0x0110 (272
       0xFFFF, 0xFFFF, 0xFFFF, 0xFFFF, 0xFFFF,
                                                                                                                                                                                                                                                                                                                                                                                  0xFFFF.
                                                                                                                                                                                                                                                                                                                                                                                                                                                          0xFFFF.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       0xFFFF.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 0xFFFF.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          0x0120 (288
                                                                          0xFFFF, 0xFFFF, 0xFFFF, 0xFFFF,
                                                                                                                                                                                                                                                                                                                                                                                    0xFFFF.
                                                                                                                                                                                                                                                                                                                                                                                                                                                            0xFFFF,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       0xFFFF.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    0xFFFF.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      0xB5B6
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          0x0130 (304)
  0xFFFF, 0xFFFF
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     0x0130 (304)
0x0140 (320)
0x0150 (336)
0x0160 (3352)
0x0170 (368)
0x0180 (384)
0x0190 (400)
0x01A0 (416)
0x01B0 (432)
0x01C0 (448)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      0xB596
          0x0020, 0x0020, 0xD69A, 0xFFFF, 0xDEFB, 0x10A2, 0x9492, 0xFFDF, 0xF7BE, 0x39E7, 0x0000, 0x0000, 0x0000, 0x52AA, 0xCE59, 0xF7BE,
0xFFFF, 0xFFFF,
```

- 8) Copy all of the data bellow the bracket
- 9) On SynWrite program create a blank page and name it bmp.h
- 10) On the top of the page write the command #define Image1 @TableImage1
- 11) Create the table: Table TableImage1 as Word
- 12) Make sure your first two entries are the dimentions of your image written in hexadecimal numbers.(In the picture below it is 0x0030, 0x0030 which is 48x48 in decimal system)



- 13) Paste the data from the filename.c and close the table
- 14) Save the file