```c
#include <conio.h>
#include <stdio.h>
#include <stdlib.h>
#include "C:\CWIN\cbw.h"

  int A0 = 0;
  int A1 = 1;
  int A2 = 2;
  int A3 = 3;
  int A4 = 4;
  int A5 = 5;
  int A6 = 6;
  int A7 = 7;
  int RS = 16;
  int WRITE = 8;
  int ENABLE = 9;
  int BOARD1 = 0;
  int display[8][20][4];

  void SendDataToDisplay (int D7, int D6, int D5, int D4, int D3, int D2, int D1, int
D0, int RS1)
  {
     int count;


     cbDBitOut (BOARD1, FIRSTPORTA, A0, D0);
     cbDBitOut (BOARD1, FIRSTPORTA, A1, D1);
     cbDBitOut (BOARD1, FIRSTPORTA, A2, D2);
     cbDBitOut (BOARD1, FIRSTPORTA, A3, D3);
     cbDBitOut (BOARD1, FIRSTPORTA, A4, D4);
     cbDBitOut (BOARD1, FIRSTPORTA, A5, D5);
     cbDBitOut (BOARD1, FIRSTPORTA, A6, D6);
     cbDBitOut (BOARD1, FIRSTPORTA, A7, D7);

     printf ("Data Set: %d%d%d%d %d%d%d%d  \n", D7, D6, D5, D4, D3, D2, D1, D0);
     /* k=getchar(); */

     cbDBitOut (BOARD1, FIRSTPORTA, RS, RS1);

     cbDBitOut (BOARD1, FIRSTPORTA, WRITE, 0);

     cbDBitOut (BOARD1, FIRSTPORTA, ENABLE, 1);

     cbDBitOut (BOARD1, FIRSTPORTA, ENABLE, 0);

     cbDBitOut (BOARD1, FIRSTPORTA, WRITE, 1);

     cbDBitOut (BOARD1, FIRSTPORTA, RS, 0);

  return;
  } /* End SendDataToDisplay */



  void InitializeComputerBoards (void)
  {
     char k;

     cbDConfigPort (BOARD1, FIRSTPORTA, DIGITALOUT);
     cbDConfigPort (BOARD1, FIRSTPORTB, DIGITALOUT);
```

```c
    cbDConfigPort (BOARD1, FIRSTPORTCL, DIGITALOUT);
    cbDConfigPort (BOARD1, FIRSTPORTCH, DIGITALOUT);
    cbDConfigPort (BOARD1, SECONDPORTA, DIGITALOUT);
    cbDConfigPort (BOARD1, SECONDPORTB, DIGITALOUT);
    cbDConfigPort (BOARD1, SECONDPORTCL, DIGITALOUT);
    cbDConfigPort (BOARD1, SECONDPORTCH, DIGITALOUT);

    cbDBitOut (BOARD1, FIRSTPORTA, WRITE, 1);  /* Initialize WRITE (active low) to 1
*/
    cbDBitOut (BOARD1, FIRSTPORTA, RS, 0);
     cbDBitOut (BOARD1, FIRSTPORTA, ENABLE, 0);
    cbDBitOut (BOARD1, FIRSTPORTA, A0, 0);
    cbDBitOut (BOARD1, FIRSTPORTA, A1, 0);
    cbDBitOut (BOARD1, FIRSTPORTA, A2, 0);
    cbDBitOut (BOARD1, FIRSTPORTA, A3, 0);
    cbDBitOut (BOARD1, FIRSTPORTA, A4, 0);
    cbDBitOut (BOARD1, FIRSTPORTA, A5, 0);
    cbDBitOut (BOARD1, FIRSTPORTA, A6, 0);
    cbDBitOut (BOARD1, FIRSTPORTA, A7, 0);

    SendDataToDisplay (0, 0, 1, 1, 0, 0, 0, 0, 0); /* Function Set Command */
    /* printf ("Function Set Command");
    k=getchar(); */

    SendDataToDisplay (0, 0, 0, 0, 1, 1, 0, 0, 0); /* Display On */
    /* printf ("Display On");
    k=getchar(); */

    SendDataToDisplay (0, 0, 0, 0, 0, 0, 0, 1, 0); /* Display Clear */
    /* printf ("Display Clear");
    k=getchar(); */

    SendDataToDisplay (0, 0, 0, 0, 0, 1, 1, 0, 0); /* Entry Mode Set */
    /* printf ("Entry Mode Set");
    k=getchar(); */

   return;
    }  /* End InitializeComputerBoards */
```