SBC Tools Demo

How to use SBC Tools to develop C project on MCF5208EVB?
Hardware and Software

- MCF5208EVB
- SBC Tools
- Cables
Running SBC Tools

- On Windows XP, Start->All Programs->SBCToolsV2->SBCToolsV2
SBC Tools IDE
Create a demo C project
Give a name for new project
Finish the demo project
Create C source file
Give a name for source file
Edit the source file

```c
#include <stdio.h>

int main()
{
    printf("Hello, World\n");
    return 1;
}
```
Embed assembly code to C file

```c
static void init_cache (void)
{
    /* Configured as split cache: 4 KByte instruction cache
       ACR0: Memory region disabled
       ACR1: Memory region disabled
       CACR: Cache accesses to any memory address */
    asm("move.1 #0x8000000, %d0\n\t");
    asm("movec %d0,%CACR");
    asm("move.1 #0x00000000, %d0");
    asm("movec %d0,%ACR0");
    asm("move.1 #0x00000000, %d0");
    asm("movec %d0,%ACR1");
}
```
Compile the demo project
Download and run demo
Choose a object code to run
Show the results