Using Eclipse and SDCC

Eclipse executable located in C:\Program Files\Eclipse
Can create a shortcut to this executable

Make sure you have a C/C++ project, not a Java project
Select a type of project
Select the platform and configurations you wish to deploy on

Project Type: MC681 family (SDCC)
Configurations:
- Release
- Debug

Show All Project Types
Show All Configurations

Managed Make C Project
Create a new Managed Make C project.

Project name: Lab
User default location
Location: C:\Documents and Settings\Admin\My Documents

< Back  Next >  Finish  Cancel
```c
#include <string.h>
#include <stdio.h>
#include <stdlib.h>

int putchar (char *s);

int op; // global
#define HEAP_SIZE 0x800 // size must be smaller than available
unsigned char msg[HEAP_SIZE];

// compiler flags
// -o -mcpu=881 --std-8052 --verbose --model-large

// linker flags for C501 with code in SRAM at 0x6000 and data 1:
// --code-sz 0x6000 --code-size 0x6000 --xram-lo 0x6000 --xram-hi 0x6000
// linker flags for AT90S1281 with code in Flash at 0x0000 and:
// --code-sz 0x0000 --code-size 0x0000 --xram-lo 0x0000 --xram-hi 0x0000

void main()
{
    unsigned char zz; // locals
}```