CSE 30 – ARM Translation worksheet

**Translate the following C code into ARM**

**//Don’t have to translate**

#ifndef MAX\_H

#define MAX\_H

#ifndef \_\_ASSEMBLER\_\_

int max(int, int);

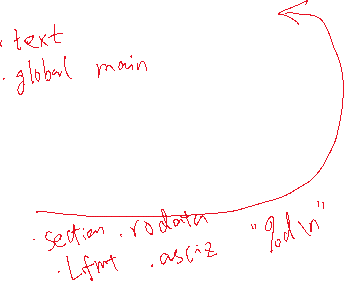
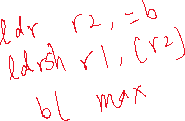
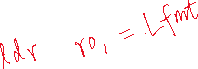
#else

.extern max

#endif

#endif





#include <stdio.h>

#include <stdlib.h>

#include "max.h"

int a = 5;

short b;

int

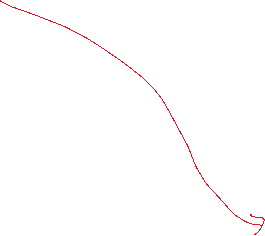
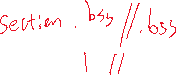
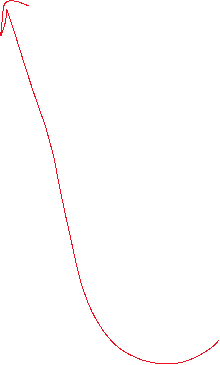
main()

{

b = 20;

printf("%d\n", max(a, b));

}



#include "max.h"

#include <stdio.h>

#include <stdlib.h>

int max(int a, int b){

if(a > b){

return a;

}

return b;

}