２２１４０００３

佐倉仙汰郎

**数値計算　課題３**

Ｑ１

int *main*() {

 int a,b;

 int \*p;

 int c[3] = {10,11,12};

 a = 2;

 b = 3;

 p = &a;

*printf*( "a = %d, b = %d, \*p = %d\n", a, b, \*p );

 b = \*p;

*printf*( "a = %d, b = %d, \*p = %d\n", a, b, \*p );

\*p = 4;

*printf*( "a = %d, b = %d, \*p = %d\n", a, b, \*p );

p = *malloc*( sizeof(int));

 \*p = b; b = 5;

*printf*( "a = %d, b = %d, \*p = %d\n", a, b, \*p );

*free*(p); p = &c[1];

*printf*( "p[1] = %d\n", p[1] );

}

実行結果

a = 2, b = 3, \*p = 2

a = 2, b = 2, \*p = 2

a = 4, b = 2, \*p = 4

a = 4, b = 5, \*p = 2

p[1] = 12

Ｑ２

#*include* <stdio.h>

#*include* <ctype.h>

void *func*(char \*p) {

*while* (\*p) {

        \*p = *toupper*(\*p);

*putchar*(\*p);

        p++;

    }

}

int *main*() {

    char s*[]* = "abcd";

*func*(s);

*return* 0;

}