

2 2 1 4 0 0 0 3

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数値計算 課題 3

Q 1

```
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

Q 2

```
#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;  
}
```