

```

void main(){
    int a = 5;
    int b = 3;
    int c;
    c = subf(a,b);
    printf("subf(a,b) = %d\n", c);
    c = (a-b);
    printf("subm(a,b) = %d\n", c);
    c = subf(a++,b--);
    printf("subf(a++,b--) = %d\n", c);
    a = 5;
    b = 3;
    c = (a++-b--);
    printf("subm(a++,b--) = %d\n", c);

```

```

    a = 5;
    b = 3;
    c = cubef(a);
    printf("cubef(a) = %d\n", c);
    c = (a*a*a);
    printf("cubem(a) = %d\n", c);
    c = cubef(--a);
    printf("cubef(--a) = %d\n", c);
    a = 5;
    b = 3;
    c = (--a*--a*--a);
    printf("cubem(--a) = %d\n", c);

```

```

a = 5;
b = 3;

```

```

    c = minf(a,b);
printf("minf(a,b) = %d\n", c);
    c = ((a<=b) ? a : b);
printf("minm(a,b) = %d\n", c);
    c = minf(--a,--b);
printf("minf(--a,--b) = %d\n", c);
    a = 5;
    b = 3;
    c = ((--a<==b) ? --a : --b);
printf("minm(--a,--b) = %d\n", c);

```

```

a = 5;
    b = 3;
    c = oddf(a);
printf("oddf(a) = %d\n", c);
    c = ((a % 2 == 1) ? 1 : 0);
printf("oddm(a) = %d\n", c);
    c = oddf(a++);
printf("oddf(a++) = %d\n", c);
    a = 5;
    b = 3;
    c = ((a++ % 2 == 1) ? 1 : 0);
printf("oddm(a++) = %d\n", c);
}

```

5.4 Yes they do. This is because I was supposed to create macros that did that which the 4 functions did. The fact that I made these functions result in the same is reassurance that I understood the assignment in this case.

```
[ancrosby@general12:~$ ./p02q5
```

```
subf(a,b) = 2
```

```
subm(a,b) = 2
```

```
subf(a++,b--) = 2
```

```
subm(a++,b--) = 2
```

```
cubef(a) = 125
```

```
cubem(a) = 125
```

```
cubef(--a) = 64
```

```
cubem(--a) = 18
```

```
minf(a,b) = 3
```

```
minm(a,b) = 3
```

```
minf(--a,--b) = 2
```

```
minm(--a,--b) = 1
```

```
oddf(a) = 1
```

```
oddm(a) = 1
```

```
oddf(a++) = 1
```

```
oddm(a++) = 1
```