

cc-practice-break

Problem

Claim: The break only gets you out of the switch but not the while statement.

```
while (...) {
    switch (...) {
        ...
        break;
        ...
    }
}
```

1. Open Emacs, create a file, put in the appropriate header, and construct an example demonstrating this behavior of break.
2. For the while loop, re-use the counting program, counting up from 1 to 3.
3. For the switch ... case selection, label the cases 1,2,3 and print the label.

Solution

```
while integer less or equal than 3
    switch integer
        1: print "one" and break
        2: print "two" and break
        3: print "three" and break
```

```
int i = 0;
while ( i <= 3) {
    switch (i)
    {
        case 1:
            puts("one");
            break;
        case 2:
            puts("two");
            break;
        case 3:
            puts("three");
            break;
    }
    printf("while %d <= 3\n", i++);
    puts("still here");
}
```

```
while 0 <= 3
still here
one
while 1 <= 3
still here
two
```

```
while 2 <= 3  
  still here  
  three  
while 3 <= 3  
  still here
```

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