Programming Assignment 2

COMP 206 (T4 - 2020)

Binary Numbers

Binary numbers are constructed using 0 and 1.

We can represent a binary number as follows. If $(a_{n-1}a_{n-2}\ \ldots\ a_1a_0)_2$ is a binary number having n bits, then `b[i] =` a_i, for $0 \leq i < n$, where `b` is an `int` array of length n storing the bits.

Code your favorite algorithm described in the class to convert a binary number to a decimal number. Submit a file with the following specifications:

```
filename: yourusername_t2.c0
function name: bin2dec
return type of function: int
input: bit array b as described above and its length n
precondition: the value of n must be greater than 0
to submit: cp username_t2.c0 ~/submit/
```

Submission Deadline: 23:59 Thursday (Thursday midnight).