

## COEN 11 - Fall 2017 - Practice IX

Use bitwise operations to:

- a. assign to char variable a the value of the right-most bit of variable b.
- b. assign to char variable a the value of the 4th right-most bit of variable b.
- c. assign char variable b to char variable a, so that the 4 right-most bits of b become the left-most bits of variable a, and the 4 left-most bits of variable b become the 4 right-most bits of variable a.
- d. change char variable a, so that the 4th right-most bit become 0.
- e. change char variable a, so that the 4th left-most bit become 1.
- f. rotate the bits in variable x by 2, in the left direction.
- g. rotate the bits in variable x by 2 in the right direction.