## Operators in C Lecture 2 Assignments

- 1. Code the following:
- a. Prompt the user to enter a two-digit number
- b. Display the number with the digits reversed

Example:

Please enter a 2-digit number: 75

Reverse: 57

Save your code as as1.c

2. Extend the code in item 1, such that it reverses a 3-digit number.

Example:

Please enter a 3-digit number: 123

Reverse: 321

Save your code as as2.c

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3. Provide the output of the following codes, given that i, j, and k are integer variables.
a) i = 3; j = 4; k = 5;
printf("%d", i < j || ++j < k);
output:1

b) i = 7; j = 8; k = 9;
printf("%d", i - 7 && j++ < k);
output:0

c) i = 7; j = 8; k = 9;
printf("%d", (i = j) || (j == k));
printf("%d %d %d %d", i, j, k);
output:1 8 8 9

d) i = j = k = 1;
printf("%d", ++i || ++j && ++k);
printf("%d %d %d %d", i, j, k);
output:1 2 1 1</pre>
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