Instructor: Professor Neena Kaushik

Office hours (in AT 203): Mondays: 3:15 to 4:15 p.m.
Wednesdays: 10 to 11 a.m.
and by appointment

Email: kaushikneena@fhda.edu

Course website: http://www.deanza.edu/faculty/kaushikneena

Lecture: 12:30 - 2:10 p.m. in AT 312(1:30 – 1:35 p.m. break) (Mondays & Wednesdays)
Lab: 2:15 - 2:40 p.m. in AT 312 (Mondays & Wednesdays)

Assignment due date: October 15

<table>
<thead>
<tr>
<th>Part</th>
<th>Points</th>
</tr>
</thead>
<tbody>
<tr>
<td>Program works correctly</td>
<td>25</td>
</tr>
<tr>
<td>Output with three test cases</td>
<td>25</td>
</tr>
<tr>
<td>Comments and variable names properly used</td>
<td>20</td>
</tr>
<tr>
<td>Header</td>
<td>20</td>
</tr>
<tr>
<td>Program and output sheets are stapled properly</td>
<td>10</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>100</strong></td>
</tr>
</tbody>
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1) Please submit your program in hard copy along with the output

2) Please use comments in your program. Please name the variables so that they indicate what the variable does in the program. A maximum of 20 points will be deducted if variable names and comments are not used properly.

3) Please include the following header in your program. A maximum 20 points will be deducted for the header not being present in the program.

/*****************************/
** Program written by: Your name
** Inputs: List the inputs to the program
** Outputs: List the outputs from the program
** What the program does: Say what the program does
*******************************************************************************
ASSIGNMENT 3

Write a C program which reverses a four digit number.

EXAMPLES:

1)  
   INPUT  
   1234  
   OUTPUT  
   4321  

2)  
   INPUT  
   9876  
   OUTPUT  
   6789  

3)  
   INPUT  
   5555  
   OUTPUT  
   5555  

STEPS
1) Use scanf to read the four digit integer. Suppose the integer is 9876 and is stored in variable a.  
2) Then, print a%10.  
3) Take a= a/10  
4) Then, print a%10  
5) Take a = a/10  
6) Then, print a%10  
7) Take a=a/10
8) Then, print a%10.