

CS 2073-002 Computer Programming with Engineering Applications

Fall 2009

Instructor [Dr. Turgay Korkmaz](#)

Homework 4

Due by Oct 14 (Wed), 2009 (5:00pm)

!!!! NO LATE HOMEWORK WILL BE ACCEPTED !!!

Total 50 points

HW Question: (if-else and switch)

Write a program that reads a number between 1 and 999 from user and spells it out in English. First Character must be UPPER case, while the remaining ones are LOWER case.

For example:

If number is 453, your program prints out "Four hundred fifty three"

If number is 37, your program prints out "Thirty seven"

If number is 214, your program prints out "Two hundred fourteen"

```
while(1) {
    printf("Enter a number between 1-999 (0 to exit): ");
    scanf("%d", &number);
    if (number==0) break;
    if (number > 999 || number < 1) continue;

    /* YOUR SOLUTION TO SPEEL OUT number IN ENGLISH */
}
```

What to return: **!!!! NO LATE HOMEWORK WILL BE ACCEPTED !!!**

Save your program as hw4.c, run it a few times and copy/paste the output into file output4.txt. THEN, go to **WebCT**, and submit your files **hw4.c**, and **output4.txt** before the deadline. When you are writing your C program, don't forget to include **/* COMMENTS */**