Write a C++ program which converts dollar amounts from numeric form, such as would be proper for writing a check. Your program dialogue should be <u>exactly</u> as given below:

Amount? 123

One Hundred Twenty Three Dollars and No Cents

Amount? 2.345

Two Dollars and 35 Cents

Amount? 0.1

No Dollars and 10 Cents

Amount? 1.01

One Dollar and 1 Cent

Amount? 123456789.12

One Hundred Twenty Three Million Four Hundred Fifty Six Thousand Seven Hundred Eighty Nine Dollars and 12 Cents

Amount? 0

Rules:

1. Numbers will be between 0 and one billion, inclusive.
2. Stop asking for amounts when 0 is entered.
3. Capitalize as shown in the above dialogue
4. Put the dollars in words but the cents in numbers.
5. Round all cents to the nearest penny.
6. Get the singulars and plurals right. Cent vs. cents, dollar vs. dollars.

Turn in a printout of the program, a structure chart, and turn in CHECKS.CPP via EASEL. (No flowchart will be required.)

The main purpose of this program is to get experience with subprograms. You will be penalized greatly for redundant code. Use functions!