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 \* OldMacDonald "sings" the Old MacDonald Had a Farm song

 \*

 \* **@author** Nancy Harris

 \* **@version** V1

 \*

 \*/

**public** **class** OldMacDonald

{

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 \* main calls the different methods that each "sing"

 \* a part of the song

 \* **@param** args unused in this application.

 \*/

 **public** **static** **void** main(String[] args)

 {

 *round*("chicks", "chick");

 *space*();

 *round*("cows", "moo");

 *space*();

 *round*("sheep", "baa");

 *space*();

 *round*("ducks", "quack");

 }

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 \* round sings one stanza of the song

 \* **@param** animal The animal for this round

 \* **@param** sound The sound the animal makes

 \*/

 **public** **static** **void** round(String animal, String sound)

 {

 *oldMac*();

 *space*();

 *andOn*(animal);

 *space*();

 *withA*(sound);

 *space*();

 *oldMac*();

 }

 /\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

 \* oldMac sings the OldMacDonald lines

 \*/

 **public** **static** **void** oldMac()

 {

 System.*out*.println("Old MacDonald had a farm.");

 *eieio*();

 }

 /\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

 \* andOn sings the lines for the animal

 \*/

 **public** **static** **void** andOn(String animal)

 {

 System.*out*.println("And on his farm he had some "

 + animal + ".");

 *eieio*();

 }

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 \* eieio sings that line of the song

 \*/

 **public** **static** **void** eieio()

 {

 System.*out*.println("E-I-E-I-O");

 }

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 \* withA sings the four lines about the sound

 \*/

 **public** **static** **void** withA(String sound)

 {

 *compose*("With a ", sound, " here.");

 *compose*("And a ", sound, " there.");

 System.*out*.println("Here a " + sound + ", there a " + sound + ".");

 *compose*("Everywhere a ", sound, ".");

 }

 /\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

 \* space prints a single blank line

 \*/

 **public** **static** **void** space()

 {

 System.*out*.println();

 }

 /\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

 \* compose builds the lines for withA

 \*/

 **public** **static** **void** compose(String prefix, String sound, String suffix)

 {

 System.*out*.println(prefix + sound + ", " + sound + suffix);

 }

}