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HW5: Pangrams

This program asks for a sentence or phrase, then analyzes it, and outputs whether or not the given sentence or phrase is a pangram.

Here are things I did to develop this program and how it would work:
1. Created a function called "code", which takes "string" as the parameter. Inside of the function, I created an empty list called "code_list", which will also be the value to be returned later on. The program would loop over the "string" and look at each character of the string by using the for loop, then it would ignore all the non-alphabetic characters and convert each alphabetic character to a special and specific code, then it would append the special and specific code to the "code_list".

2. Created another function called "ispangram". The program would iterate from 0 to 25 by using the for loop, and check if every number is in the list. If some number is not in the list, then the program would return "False"; if there was no failure that was found, return "True".

3. Created a variable called "sentence" which would prompt user for a word or phrase and store it as a string. Created another variable called "pan" which was assigned with the value that would be returned in the function "ispangram". If function "ispangram" returns "True", then it means "pan" would be "True", the program would print out "** ...... ** is a pangram. It contains all the letters of the alphabet!" Otherwise, the program would print out "** ...... ** is not a pangram. It does not contain all the letters of the alphabet."

The program worked pretty well. I tried different sentences as inputs and the results seemed all accurate. Thanks to Mike's hints in the instructions, especially the function that Mike offered, they really helped me have a better idea of how to develop this program. I didn't really encounter any problems this time, I feel like every knowledge was covered from Professor Bart's lectures and videos.