**Problem 1** (Textbook problem 47, chapter 4, page 241)
You are creating a new account and need to provide a password. The password has the following requirements:
a) The password must be at least 6 characters and at most 20 characters.
b) It must contain at least one lowercase letter, one upper case letter, and one number.

Write a program that prompts the user to input a password and checks if the password is valid. If the password is valid, print a confirmation statement and end the program. If it is not, print a statement the the password is not valid and **ask the user to re-enter the password until valid one found**.