**Directions**

Part 1

Create a String variable named str and assign it the string "flashlight". Then create and print the following words by extracting them from the word "flashlight" using the String class's **substring** method.

flash  
light  
ash  
flight  
flag  
fit  
high  
gas  
fast  
shaft

For example, assume that the string variable str contains the string "flashlight". The following line of code would display the string "flat".

System.out.println(str.substring(0, 3) + str.substring(9));

0123456789

flashlight

Part 2

Using the substring "light", that you extracted from "flashlight", form the following words:

lights  
lighter  
lightning  
enlightened

Use the **concatenation operator (+)** to combine the substring "light" with several string literals to form the new words. Recall that a string literal is a string that you form by enclosing a series of characters inside double quotes. (Example: "ening" is a string literal)

**Source File**

FlashLight.java

**Sample Run**

Part 1

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flash

light

ash

flight

flag

fit

high

gas

fast

shaft

Part 2

=================

lights

lighter

lightning

enlightened