Python Units 5–7 Test

1. What is output by the following code?

str = "blue sky"  
print(str[1] + " " + str[5] + " " + str[7])

1. What is output by the following code?

str = "outer space"  
print(str[len(str)-1])

1. What is output by the following code?

h1 = "cave"  
for x in h1:  
 print(x)

1. True or False. The code below is syntactically correct.

str = "train"  
str[0] = "b"  
print(str)

1. What is output by the following code?

s1 = "Star Wars"  
s2 = s1[5:]  
print(s2)

1. What is output by the following code?

str1 = "friend"  
str2 = ""  
print(bool(str1))  
print (bool(str2))

1. What is the difference between Python’s **division** operator( / ) and its **floor**   
   **division** operator ( // )?
2. Write a line of code that will calculate 216 power using Python’s **exponentiation** operator ( \*\* ).

1. Write a line of code that will display the **remainder** of the division problem 5 divided by 2.
2. What is output by the following code?

str = "Broncos"

print("r" in str)

print("z" in str)