1. Which of the following operators is used to calculate remainder in a division?

   Ans – C
2. In python 2//3 is equal to?

   Ans – B
3. In python, 6<<2 is equal to?

   Ans – C
4. In python, 6&2 will give which of the following as output?

   Ans – A
5. In python, 6|2 will give which of the following as output?

   Ans – D
6. What does the finally keyword denotes in python?

   Ans – C
7. What does raise keyword is used for in python?

   Ans – A
8. Which of the following is a common use case of yield keyword in python?

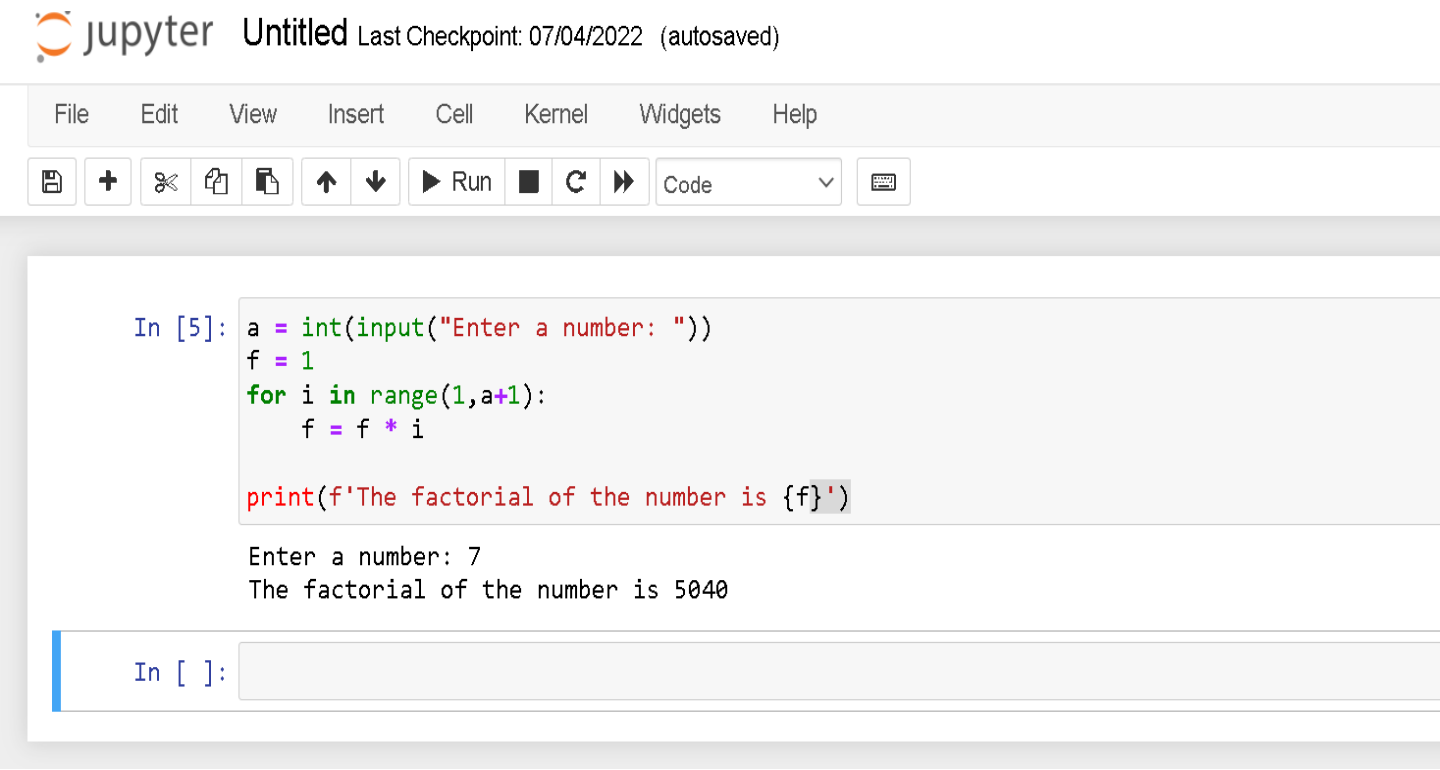
   Ans – C
9. Which of the following are the valid variable names?

   Ans – D
10. Which of the following are the keywords in python?

    Ans – A and B

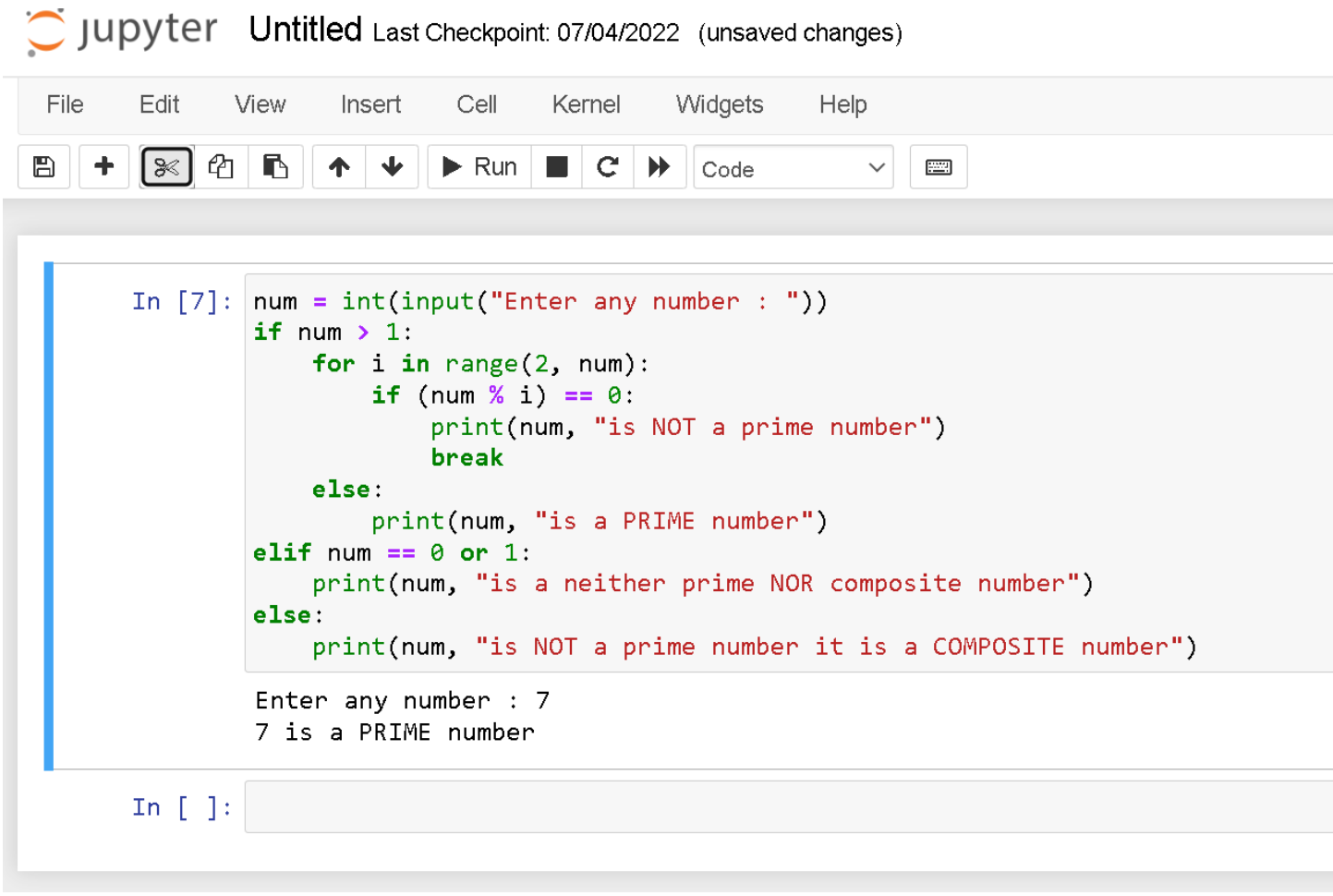
11. Write a python program to find the factorial of a number.

Ans –



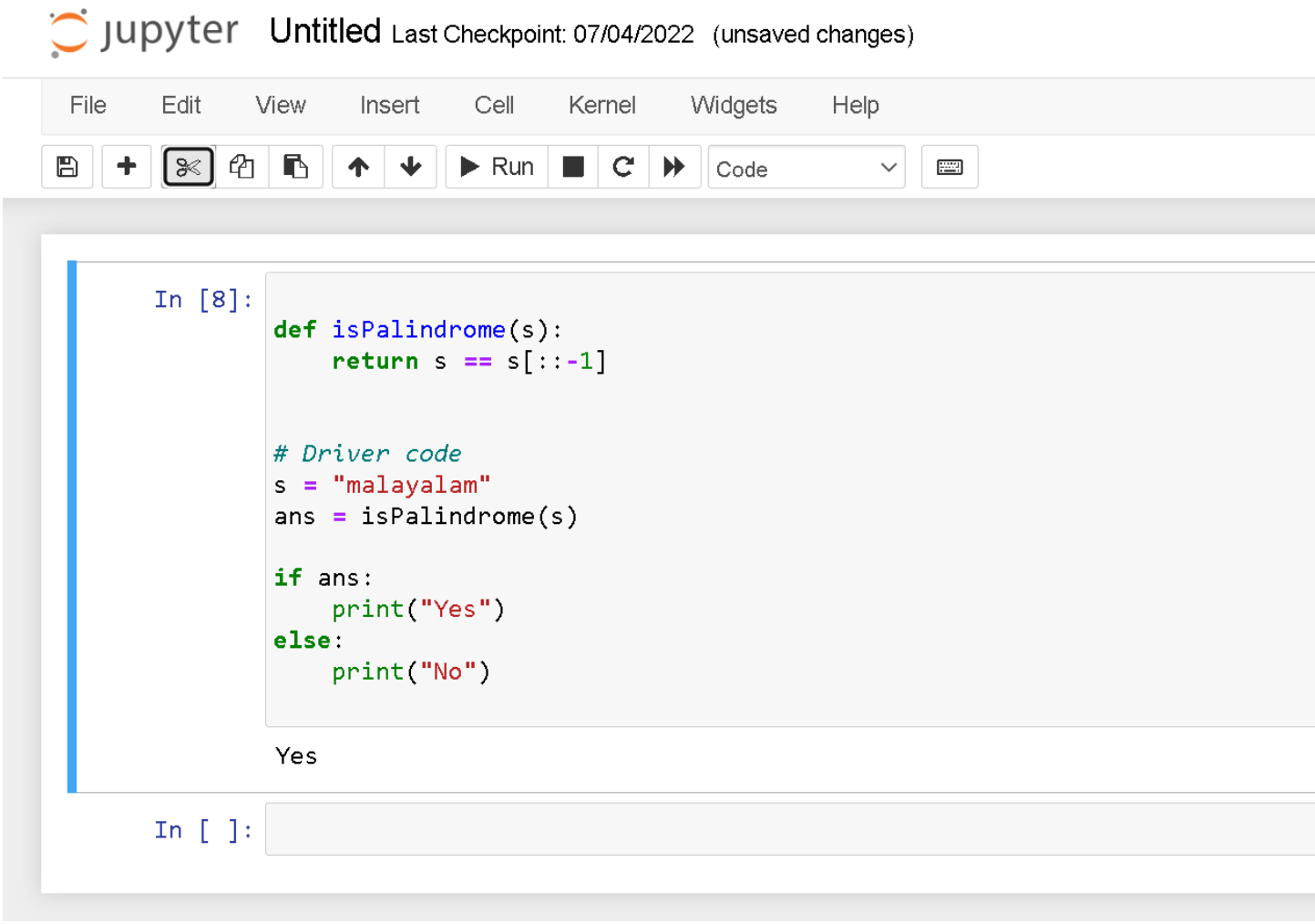
12. Write a python program to find whether a number is prime or composite.

Ans -



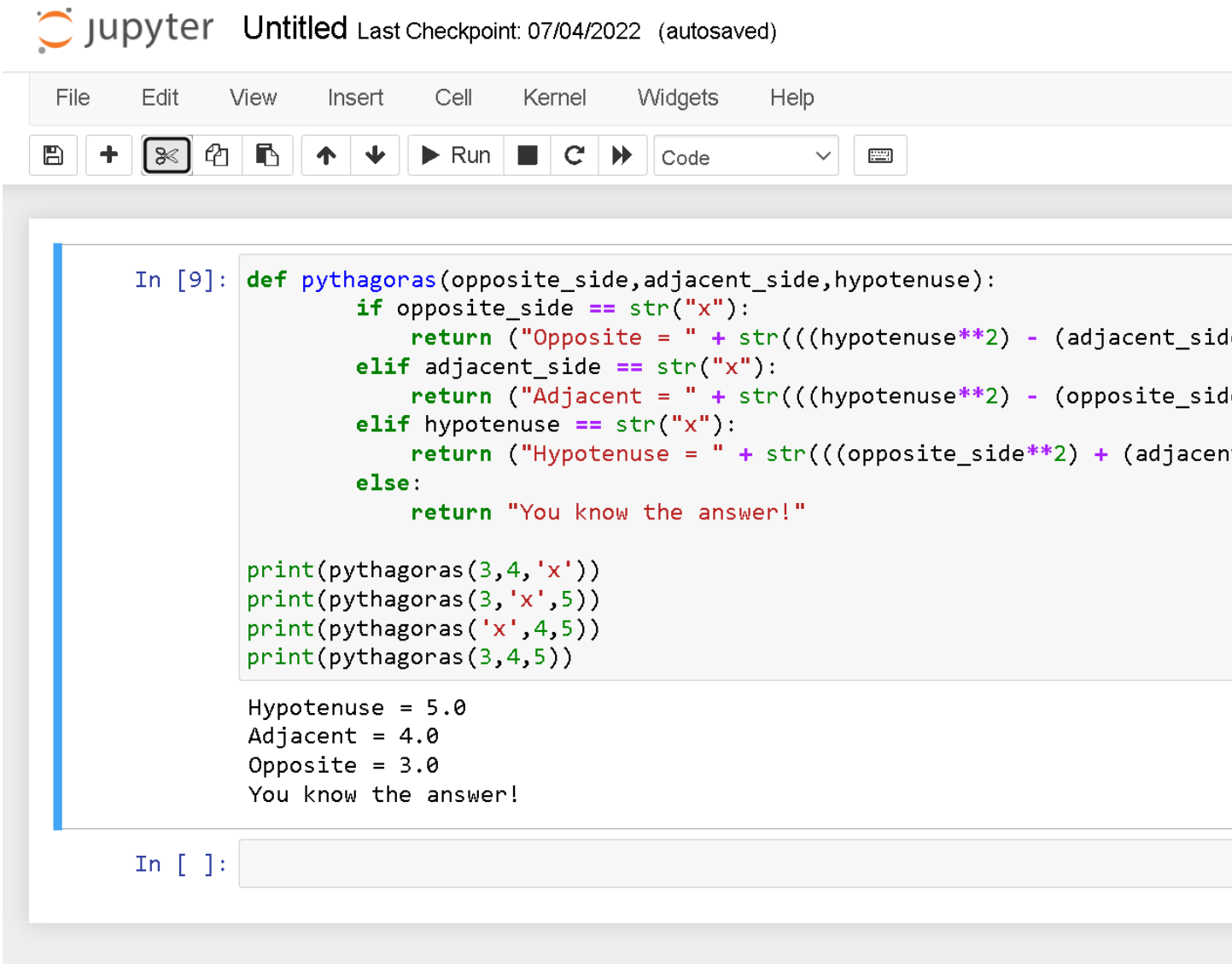
13. Write a python program to check whether a given string is palindrome or not.

Ans -



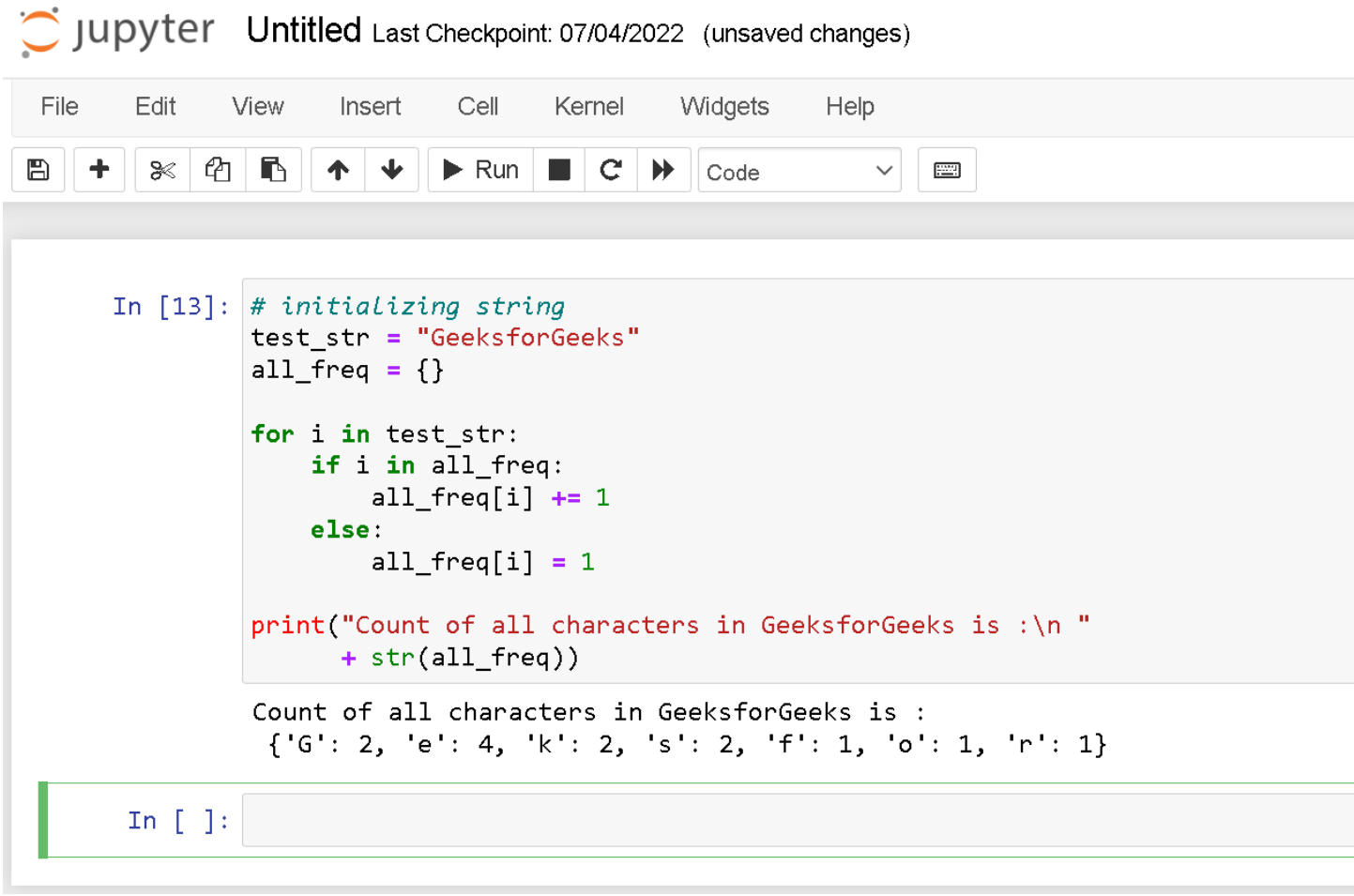
14. Write a Python program to get the third side of right-angled triangle from two given sides.

Ans -



15. Write a python program to print the frequency of each of the characters present in a given string.

Ans -


jupyter
Untitled
Last Checkpoint: 07/04/2022 (unsaved changes)
File
Edit
View
Insert
Cell
Kernel
Widgets
Help
Run
Code
In [13]:
# initializing string
test_str = "GeeksforGeeks"
all_freq = {}
for i in test_str:
if i in all_freq:
all_freq[i] += 1
else:
all_freq[i] = 1
print("Count of all characters in GeeksforGeeks is :\n "
+ str(all_freq))
Count of all characters in GeeksforGeeks is :
{'G': 2, 'e': 4, 'k': 2, 's': 2, 'f': 1, 'o': 1, 'r': 1}
In [ ]: