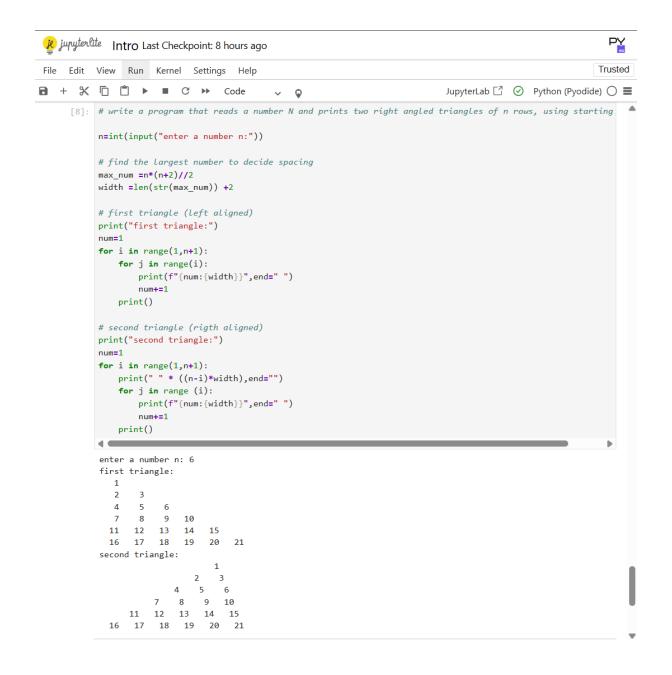
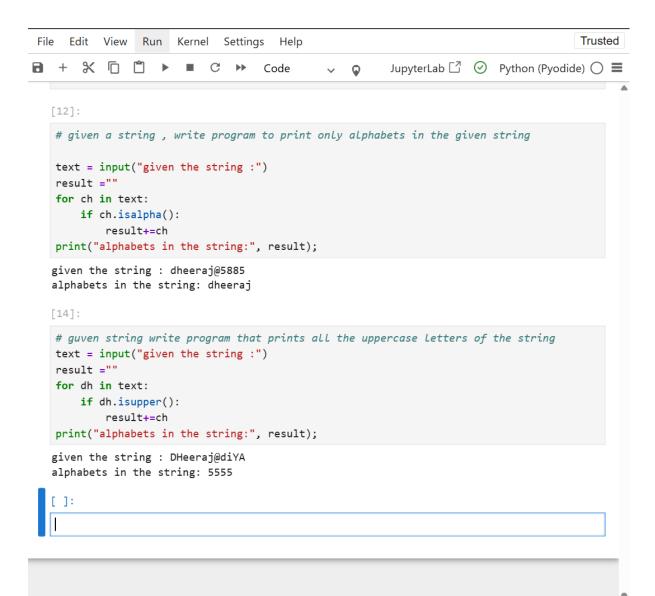


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                                                      JupyterLab ☐ ⊘ Python (Pyodide) ○ ■
                                  Code
                                             ~ ©
   # counting and searching method
   text = " hello, world!" # count the characthers how many times repeated
   count =text.count("1")
   print(count)
   text = "hello,world!" # count the characthers how many times reapeated
   count=text.count("1",2,10)
   print(count)
  0
  0
  [2]:
   text =" i have a spare key, if i lose my key"
   count = text.index("key")
   print(count)
  16
  [3]:
   text="i have a spare key, if i lose my lock"
   count=text.rindex("key")
   print(count)
  15
  [4]:
   text=" i have a spare key, if i lose my key"
   count=text.find("key")
   print(count)
   text="i have a spare key, if i lose my key"
   count=text.find("hsg")
   print(count)
   text="i have a spare key, if i lose my key"
   count=text.rfind
  16
   -1
  [5].
```





```
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[21]: # Simple Calculator using Python
          num1 = float(input("Enter first number: "))
          num2 = float(input("Enter second number: "))
          print("Select operation:")
          print("1. Addition (+)")
          print("2. Subtraction (-)")
          print("3. Multiplication (*)")
          print("4. Division (/)")
          choice = input("Enter choice (1/2/3/4): ")
          if choice == '1' or choice == '+':
             print("Result:", num1 + num2)
          elif choice == '2' or choice == '-':
             print("Result:", num1 - num2)
          elif choice == '3' or choice == '*':
             print("Result:", num1 * num2)
          elif choice == '4' or choice == '/':
             if num2 != 0:
                 print("Result:", num1 / num2)
              else:
                 print("Error: Division by zero not allowed!")
          else:
             print("Invalid input!")
          Enter first number: 8
          Enter second number: 9
          Select operation:
          1. Addition (+)
          2. Subtraction (-)
          3. Multiplication (*)
          4. Division (/)
          Enter choice (1/2/3/4): 2
          Result: -1.0
```