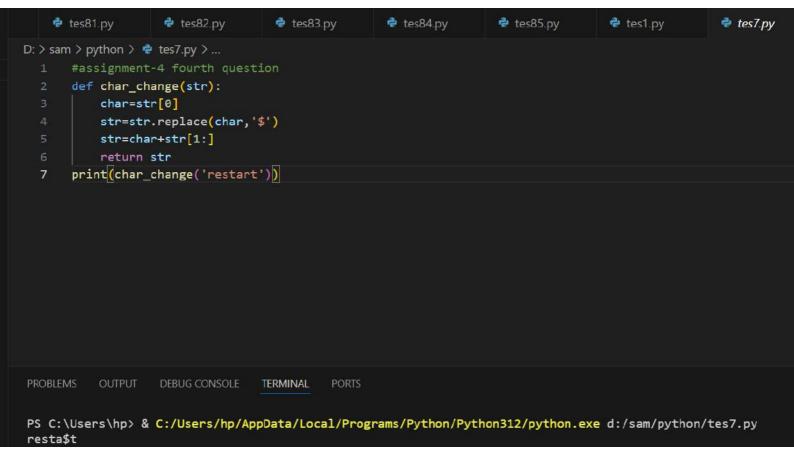
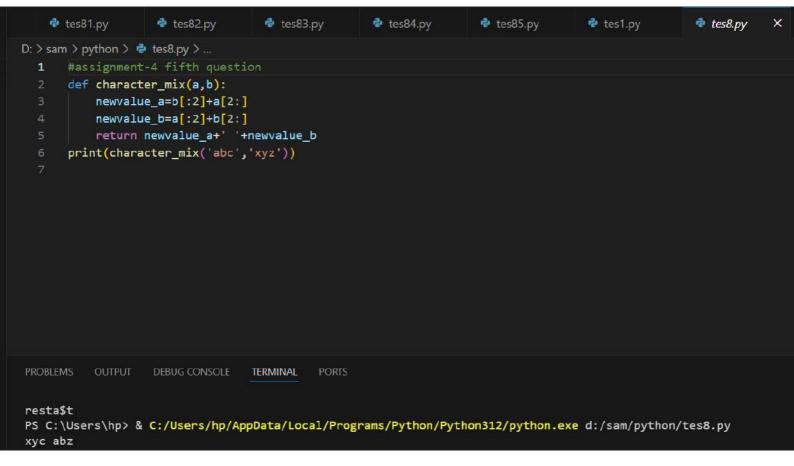


```
tes80.py
               tes81.py
                               tes82.py
                                               tes83.py
                                                                tes84.py
                                                                                tes85.py
                                                                                                tes1.py
D: > sam > python > 🟓 tes5.py > ...
       # assignment-4 second question
       def char_frequency(str1):
           dict = {}
           for n in str1:
               keys = dict.keys()
               if n in keys:
                   dict[n] += 1
                   dict[n] = 1
           return dict
       print(char_frequency('google.com'))
PROBLEMS
           OUTPUT
                   DEBUG CONSOLE
                                  TERMINAL
                                            PORTS
PS C:\Users\hp> & C:/Users/hp/AppData/Local/Programs/Python/Python312/python.exe d:/sam/python/tes5.py
{'g': 2, 'o': 3, 'l': 1, 'e': 1, '.': 1, 'c': 1, 'm': 1}
```



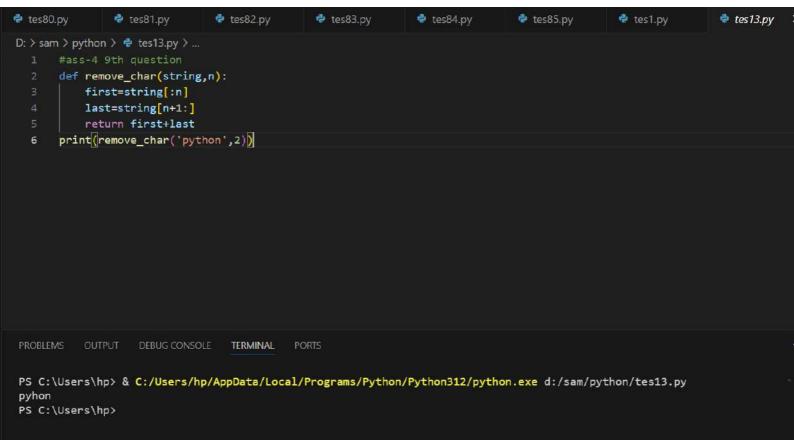


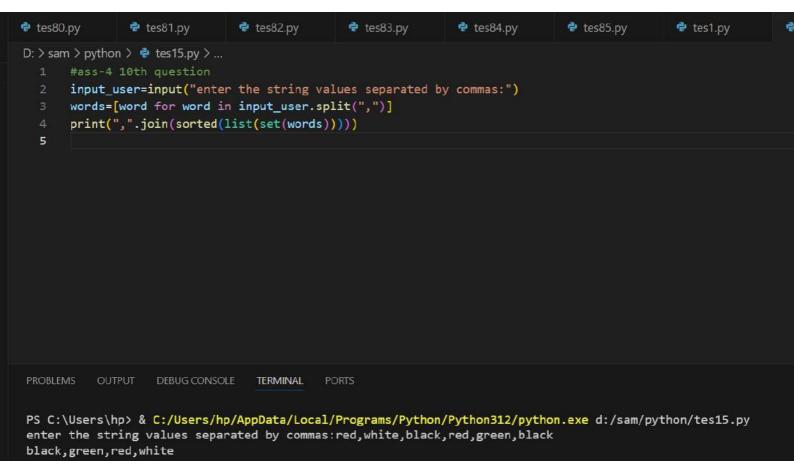


```
tes81.py
                    tes82.py
                                    tes83.py
                                                    tes84.py
                                                                    tes85.py
                                                                                                    tes9.py
                                                                                    tes1.py
D: > sam > python > 🔮 tes9.py > ...
      #assignment-4 sixth question
      def add_string(str1):
          length=len(str1)
           if length>=3:
               if str1[-3:]=='ing':
                   str1+='ly'
               else:
                   str1+='ing'
          return str1
      print(add_string('abc'))
      print(add_string('ab'))
      print(add_string('string'))
 15
          OUTPUT
                                  TERMINAL
PS C:\Users\hp> & C:/Users/hp/AppData/Local/Programs/Python/Python312/python.exe d:/sam/python/tes9.py
abcing
ab
stringly
```

```
tes81.py
                          tes82.py
                                           tes83.py
                                                           tes84.py
                                                                           tes85.py
                                                                                           tes1.py
                                                                                                            e tes 10.py D:\...
0.py
  D: > sam > python > de tes10.py > ...
         #assignment-4 seventh question
         def first_appear(str1):
             anot=str1.find('not')
             apoor=str1.find('poor')
             if apoor >anot and anot>0 and apoor>0:
                 str1=str1.replace(str1[anot:(apoor+4)],'good')
                 return str1
                 return str1
   11
         print(first_appear('he is not that poor'))
             OUTPUT
                     DEBUG CONSOLE
                                    TERMINAL
  PS C:\Users\hp> & C:/Users/hp/AppData/Local/Programs/Python/Python312/python.exe d:/sam/python/tes10.py
  he is good
```

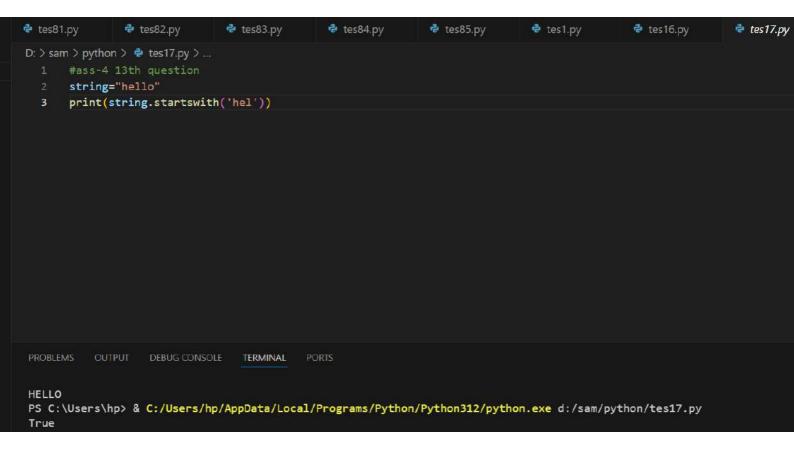
```
tes81.py
                    tes82.py
                                   tes83.py
                                                    tes84.py
                                                                    tes85.py
                                                                                    tes1.py
                                                                                                    tes11.py
D: > sam > python > 📌 tes11.py > ...
      def longest_word(word_list):
          word_len=[]
          for n in word_list:
               word_len.append((len(n),n))
          word_len.sort()
          return word_len[-1][0],word_len[-1][1]
      result=longest_word(["hello","thisisaperson","itswednesday"])
      print("longest word:",result[1])
      print("length of the longest word",result[0])
 14
PROBLEMS
          OUTPUT
                   DEBUG CONSOLE
                                 TERMINAL
                                            PORTS
PS C:\Users\hp> & C:/Users/hp/AppData/Local/Programs/Python/Python312/python.exe d:/sam/python/tes11.py
longest word: thisisaperson
length of the longest word 13
```

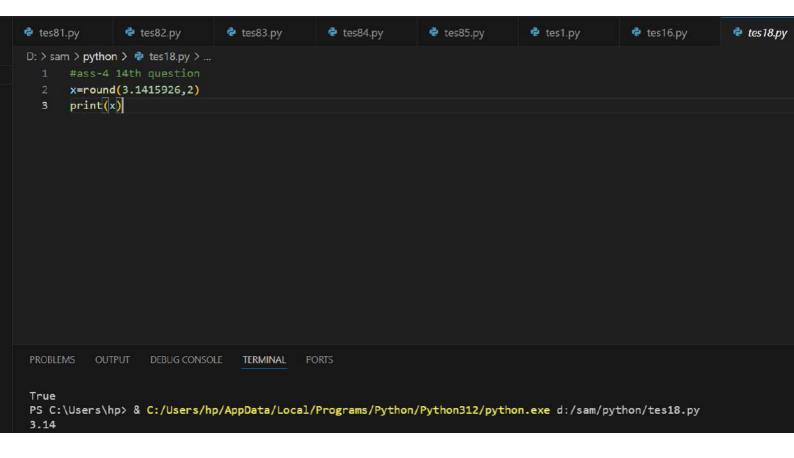




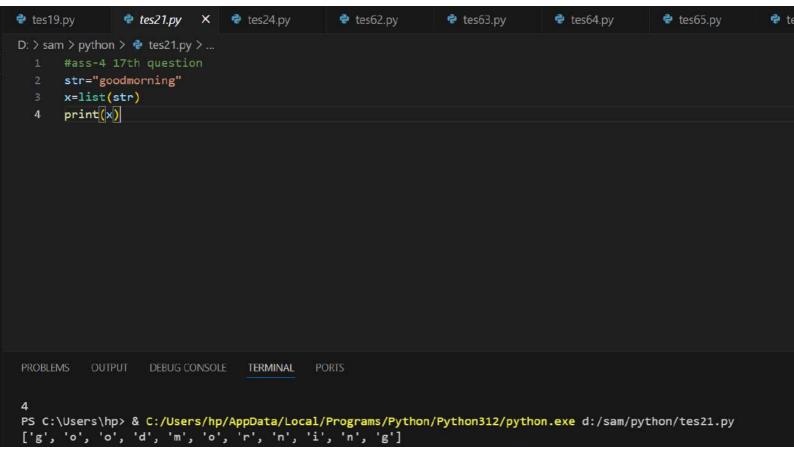
```
des80.py
                tes81 py
                                de tes82.py
                                                e tes83.py
                                                                 e tes84.py
                                                                                 tes85.py
                                                                                                 des1.py
                                                                                                                  🕏 tes14
D: > sam > python > 🕏 tes14.py > ...
       def reverse_string(str):
           if len(str)%4 == 0:
               return ''.join(reversed(str))
               return str
       print(reverse_string('helo'))
                                   TERMINAL
PS C:\Users\hp> & C:/Users/hp/AppData/Local/Programs/Python/Python312/python.exe d:/sam/python/tes14.py
oleh
PS C:\Users\hp>
```

```
tes84.py
tes80.py
               tes81.py
                               tes82.py
                                               de tes83.py
                                                                              tes85.py
                                                                                              tes1.py
                                                                                                              tes16.py
D: > sam > python > 🕏 tes16.py > ...
       def upper_case(str):
          upper_num=0
          for letter in str[:4]:
               if letter.upper()==letter:
                  upper_num+=1
           if upper_num>=2:
               return str.upper()
           return str
 11
       print(upper_case('HEllo'))
          OUTPUT DEBUG CONSOLE
                                 TERMINAL
PS C:\Users\hp> & C:/Users/hp/AppData/Local/Programs/Python/Python312/python.exe d:/sam/python/tes16.py
HELLO
```





```
tes19.py
               tes24.py
                                tes62.py
                                                tes63.py
                                                                tes64.py
                                                                                tes65.py
                                                                                                tes66.py
D: > sam > python > 🕏 tes19.py > ...
       def count_repeat_char(s):
           count={}
           result = []
           for char in s:
               if char in count:
                   count[char]+=1
               else:
                   count[char]=1
           for key, value in count.items():
               if value >= 2:
                   result.append({key:value})
           print(result)
       string="thequickbrownfoxjumpsoverthelazydog"
 16
       count_repeat_char(string)
          OUTPUT
                                  TERMINAL
PS C:\Users\hp> & C:/Users/hp/AppData/Local/Programs/Python/Python312/python.exe d:/sam/python/tes19.py
[{'t': 2}, {'h': 2}, {'e': 3}, {'u': 2}, {'r': 2}, {'o': 4}]
```



```
₱ tes22.py X ₱ tes24.py
tes19.py
                                                     tes62.py
                                                                       tes63.py
                                                                                         tes64.py
                                                                                                           tes65.py
D: > sam > python > ♦ tes22.py > ♦ replace
       def replace(str):
            maketrans=str.maketrans
            result=str.translate(maketrans(',.','.,',''))
  4
            return result.replace(',',",")
       str="32.054,23"
        print(replace(str))
            OUTPUT DEBUG CONSOLE TERMINAL
['g', 'o', 'o', 'd', 'm', 'o', 'r', 'n', 'i', 'n', 'g']
PS C:\Users\hp> & C:\Users\hp/AppData/Local/Programs/Python/Python312/python.exe d:/sam/python/tes22.py
```

32,054.23

```
de tes19.py
                                                                         tes23.py
                                                                                                                        X
                                                                                                                                                    tes24.py
                                                                                                                                                                                                                              tes62.py
                                                                                                                                                                                                                                                                                                         tes63.py
                                                                                                                                                                                                                                                                                                                                                                                   tes64.py
                                                                                                                                                                                                                                                                                                                                                                                                                                                             description tests 
D: > sam > python > 📌 tes23.py > ...
                               #ass-4 19th question
                                str="ai ab lhguygulguy by"
                                str1=("ai", "ab", "lhguygulguy"," by")
                               list1 = str.split()
                                 print(max(str1,key=len))
                                print(sorted(str,reverse=True))
                                a=min(str1)
                                b=max(str1)
                                 print("smallest word is:",a)
                                 print("largest word is:",b)
       16
   PROBLEMS
                                                OUTPUT DEBUG CONSOLE
                                                                                                                                                              TERMINAL
   lhguygulguy
   ['y', 'y', 'y', 'u', 'u', 'u', 'l', 'l', 'i', 'h', 'g', 'g', 'g', 'b', 'b', 'a', 'a', ' ', ' ']
   smallest word is: by
   largest word is: lhguygulguy
```

```
tes19.py
                de tes23.py
                                tes24.py
                                                tes62.py
                                                                tes63.py
                                                                                de tes64.py
                                                                                                 tes65.py
                                                                                                                 e tes
D: > sam > python > • tes24.py > ...
       string = "sameeksha"
       p = ""
       for char in string:
           if char not in p:
               p = p+char
       print(p)
  8
       k = list(string)
          OUTPUT DEBUG CONSOLE TERMINAL
largest word is: lhguygulguy
PS C:\Users\hp> & C:/Users/hp/AppData/Local/Programs/Python/Python312/python.exe d:/sam/python/tes24.py
```

samekh