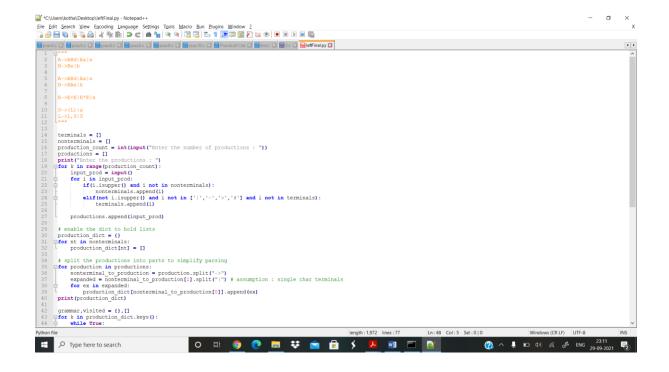
Practical 4

Niketkumar Kothari

18bce134



```
*C:\Users\kotha\Desktop\leftFinal.py - Notepad++
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     - o ×
 File Edit Search View Egooding Language Settings Tgols Macro Run Plugins Window 2
 | Second Column | Second Colum
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              1 >
                  grammar,visited = {},[]

pfor k in production_dict.keys():
    while True:
    temp = []
                                    for v in production_dict[k]:
   if v[0] in visited:
     temp += [x+v[:] for x in production_dict[v[0]]]
   else:
     temp.append(v)
                                             if all([False if x[0] in visited else True for x in temp]):
    production_dict[k] = temp
                                 production_dict[k] =
break
production_dict[k] = temp
                                   print("\nGrammar after elimination of recursion : ")
for k,v in (**production_dict,**grammar).items():print(k," -> "," | ".join(v))
                                                                                                                                                                                                                                                                                                                                                     length: 1 972 lines: 77
                                                                                                                                                                                                                                                                                                                                                                                                                                       Ln:48 Col:5 Sel:010
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Windows (CR LE) LITE-8
                                                                                                                                                                                                                                                                                                                                                                                         <u></u>
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     (1) ^ I II (1) (6.  (1) ENG 29-09-2021
                                                                                                                                                                     O H 🧑 🙋 🔚 👯 💼 🖟
 Type here to search
```

