```
 1 "C:\Program Files\python310\python.exe" C:/Users/
   prati/PycharmProjects/pythonProject9/practical4.py
 2 Correlation Matrix:
 3                    sepal length (cm)  ...  petal
   width (cm)
 4 sepal length (cm)          1.000000  ...         0.
   817941
 5 sepal width (cm)          -0.117570  ...        -0.
   366126
 6 petal length (cm)          0.871754  ...         0.
   962865
 7 petal width (cm)           0.817941  ...         1.
   000000
 8
 9 [4 rows x 4 columns]
10
11 ANOVA results for 'sepal length (cm)':
12 F-statistic: 119.26450218450468
13 P-value: 1.669669190769383e-31
14
15 ANOVA results for 'sepal width (cm)':
16 F-statistic: 49.160040089612075
17 P-value: 4.49201713330911e-17
18
19 ANOVA results for 'petal length (cm)':
20 F-statistic: 1180.161182252981
21 P-value: 2.856776610961539e-91
22
23 ANOVA results for 'petal width (cm)':
24 F-statistic: 960.007146801809
25 P-value: 4.1694458394430593e-85
26
27 Process finished with exit code 0
28
```