

PROG 2(c)

AIM:

Upload iris data set and create a scatter plot using sepal length and petal width to separate the species class

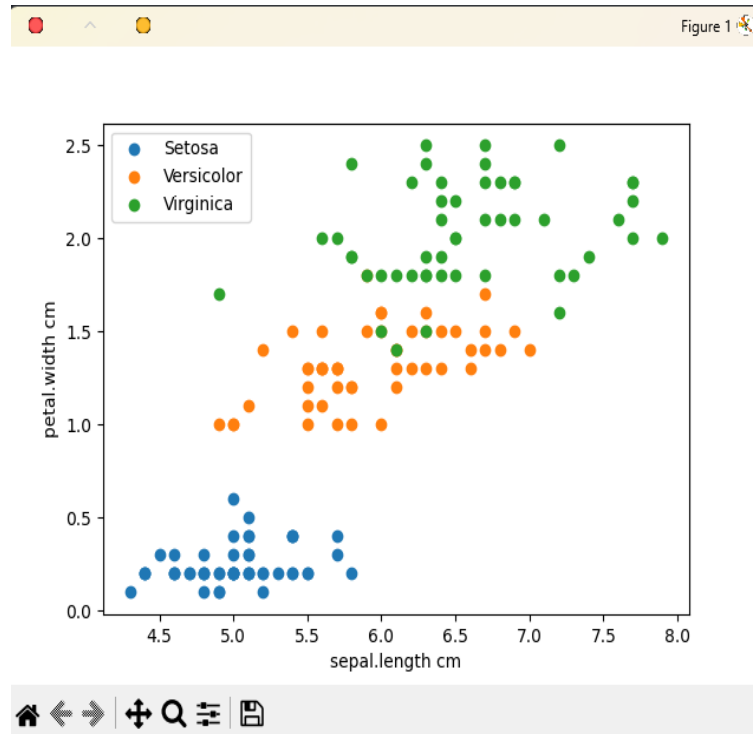
SOURCE CODE:

```
import pandas as pd
import matplotlib.pyplot as plt

df = pd.read_csv("./iris.csv")
species=df["variety"].unique()
for i in species:
    x = df.loc[df["variety"]==i]["sepal.length"]
    y = df.loc[df["variety"]==i]["petal.width"]
    plt.scatter(x,y)
plt.legend(species)
plt.xlabel("sepal.length cm")
plt.ylabel("petal.width cm")

plt.show()
```

OUTPUT:



RESULT: Thus, the program is completed and the output is verified successfully.