# Project 2018 Programming and Scripting

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Introduction Fisher’s Iris data set

Reference 1 <https://en.wikipedia.org/wiki/Iris_flower_data_set>

Reference 2 <https://www.techopedia.com/definition/32880/iris-flower-data-set>

Fisher's Iris data set introduced by the British statistician and biologist Ronald Fisher in his 1936.

This data set consists of 50 samples from each of three species of Iris (Iris setosa, Iris virginica and Iris versicolor). Four features were measured from each sample

The length, width of the sepals and petals, in centimeters, Based on the combination of these four features, Fisher developed a linear discriminant model to distinguish the species from each other.

We have real data 3 species flower.

1 Irish Setosa

2 Irish Versicolor

3 Irish Virginica

In the given attribute data, we have petal length and petal width and Sepal Length and Sepal Width

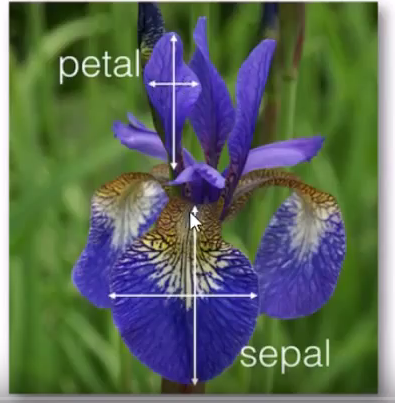
**Question** what are sepal, Petal Length and width

Reference 3 <https://www.youtube.com/watch?v=mE7MWa6N2Vc>

<https://www.ted.com/talks/linus_torvalds_the_mind_behind_linux/transcript?language=en>

Length

Width



**Research**

After going all this I am going to use of this data for identify what is the flower name.

**User Story 1**

As a user I want to identify what is the flower name

**I want** sepal, Petal Length and width so I can pass this info to my function.

**User story 2**

As I need a full Irish Data set.

**I want** to pass sepal, Petal Length and width in my fuzzy logic search function.

Irish data set I can copy from wiki or <http://archive.ics.uci.edu/ml/machine-learning-databases/iris/iris.data> copy from this link.

User story 3

As I need search logic functions.

**I want to** write a search function when user will pass input, it look in database or csv file and return the result.

If it dint match, Show the description that data not found