Iris Data - (Assignment 4 - Question 3)

- subject Machine Learning / AI

Question:

Perform logistic regression on **iris data set** as follows:

1. Load iris data set from **sklearn.datasets**

- **Hint**: To load the dataset, use:

```
from sklearn import datasets
iris = datasets.load_iris()
x = iris.data
y = iris.target
```

- To perform logistic regression, use function from sklean.linear_model with default value of parameters

2. Perform cross validation on this model for the specified x & y values with cv as **5** and scoring as **accuracy**.

- **Hint**: Use function **cross_val_score**
- This generates accuracy scores, one for each iteration of the 5 iterations performed
- ***Print*** the mean accuracy score rounded to 2 decimal places

Input Format:

- Refer to the starter code provided in the CODE section to load the data and set the predictors & response variables.

Output Format:

- Write the value of **mean accuracy score** in a file named **output.csv** which should be present at the location **/code/output/output.csv**

- Write the value rounded to 2 decimal places in the first row
- **Sample Output:**
- **Example: output.csv** will have data looking like this:

	A
1	0.55
2	
3	