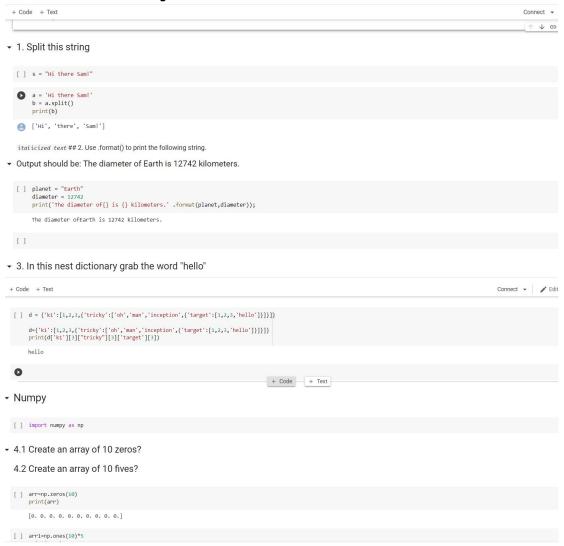
Assignment 1 Statistical Machine Learning Approaches To Liver Disease Prediction

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Maximum Marks	2 Marks

Basics of Python:



```
+ Code + Text
  [ ] arr1=np.ones(10)*5
print(arr1)
       [5. 5. 5. 5. 5. 5. 5. 5. 5. 5.]
▼ 5. Create an array of all the even integers from 20 to 35
   even=np.arange(20,35,2)
print("Array of even integers from 25 to 35")
print(even)
   Array of even integers from 25 to 35 [20 22 24 26 28 30 32 34]
▼ 6. Create a 3x3 matrix with values ranging from 0 to 8
  [ ] x=np.arange(0,9).reshape((3,3))
print(x)

▼ 7. Concatinate a and b
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   a = np.array([1, 2, 3]), b = np.array([4, 5, 6])
  [] a=np.array([[1,2,3]])
b=np.array([[4,5,6]])
np.concatenate((a,b),axis=0)
        array([[1, 2, 3], [4, 5, 6]])
▼ Pandas
▼ 8. Create a dataframe with 3 rows and 2 columns
   [ ] import pandas as pd
  [ ] df=pd.DataFrame()
print(df)
        Empty DataFrame
Columns: []
Index: []
```

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▼ 10. Create 2D list to DataFrame

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