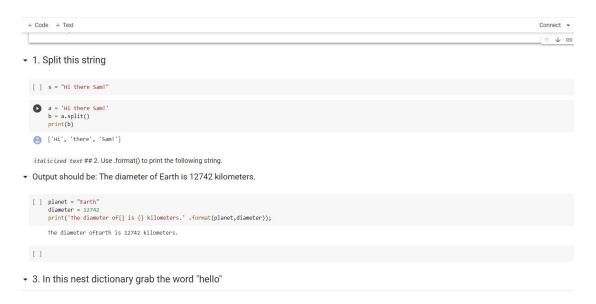
# Assignment 1 Statistical Machine Learning Approaches To Liver Disease Prediction

Student Name	Kamali R
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Maximum Marks	2 Marks

## **Basics of Python:**

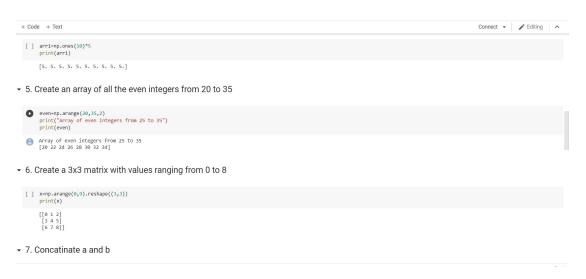
- 1. Split this string
- 2. Output should be: The diameter of Earth is 12742 kilometers
- 3. In this nest dictionary grab the word "hello"



- 4. Numpy
- 4.1 Create an array of 10 zeros?
- 4.2 Create an array of 10 fives?



- 5. Create an array of all the even integers from 20 to 35
- 6. Create a 3x3 matrix with values ranging from 0 to 8



7. Concatinate a and b a=np.array([1,2,3]),b=np.array([4,5,6])

#### **Pandas**

Empty DataFrame Columns: [] Index: []

#### 8. Create a dataframe with 3 rows and 2 columns

```
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▼ 7. Concatinate a and b

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)
```

### 9.Generate the series of dates from 1st Jan,2023 to 10th Feb,2023

10.Create 2D list to DataFrame

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#### ▼ 10. Create 2D list to DataFrame

2 3 ccc 24