

# ASSIGNMENT (2)

`if statements & Conditions`

`Grade: 100 Point`

`Deadline: 04/12/2024 - 11:59 PM`

[Class Room Link](#)

```
lookup.KeyValue  
f.constant(['en  
tf.constant([  
ce = tf.lookup.Static  
init,  
num_oov_buckets=5)  
  
lookup.StaticVocabular  
initializer,  
num_oov_buckets,  
lookup_key_dtype=None  
name=None,
```

**Name:**

**E-Mail:**

**ID:**

**Note:**

If you do not have an ID yet, please leave it blank  
and we will contact you to provide your ID.

```
lookup.KeyValue  
f.constant(['em  
tf.constant([G  
te = tr.lookup.StaticV  
init,  
num_oov_buckets=5)  
  
lookup.StaticVocabular  
initializer,  
num_oov_buckets,  
lookup_key_dtype=None  
name=None,  
experimental_idempotent
```

## Question One [10 points]

Given Two Numbers num1 , num2 ::

Output the maximum number using if else.

Example

Input

Input num1: 10

Input num2: 20

Output

Maximum = 20

## Question **Two** [15 points]

**Given Three Numbers ::  
Find the maximum number**

**Example**

**Input**

Input num1: 10  
Input num2: 20  
Input num3: 15

**Output**

Maximum is: 20

### Question **Three** [10 points]

Given number n ::

Check whether the number is even or odd

**Example**

**Input**

Input number: 10

**Output**

10 is even number

## Question **Four** [15 points]

**After selling any product Given two inputs ::  
Product Cost price and Selling price  
Determine the profit OR loss to this process .**

Example

Input

Input cost price: 1000  
Input selling price: 1500

Output

Profit: 500

## Question **Five** [10 points]

**Given Three angles of a triangle as an input ::  
Determine Whether the triangle is valid or not.**

**Example**

**Input**

Input first angle: 60  
Input second angle: 30  
Input third angle: 90

**Output**

The triangle is valid

## Question **Six** [15 points]

**Given three sides of a triangle as an input ::  
Check if the triangle is equilateral, scalene or isosceles**

Example

Input

Input first side: 30  
Input second side: 30  
Input third side: 30

Output

Triangle is equilateral triangle



## Question **Seven** [10 points]

Given an input alphabet::

Check whether this alphabet is Vowel or Consonant

Example

Input

Input character: a

Output

'a' is vowel

## Question **Eight** [15 points]

Given an input character ::

Check whether this character is uppercase or lowercase.

**HINT:: Review The ASCII Table.**

Example

Input

Input character: C

Output

'C' is uppercase alphabet

Question **Nine** [10 points]

**BONUS**

Using **SWITCH** Statement ::

Find the maximum between Two numbers

Example

Input

Input num1: 10

Input num2: 20

Output

Maximum = 20