Magic Session 1

1. Make another folder for assignment - mkdir MagicSession1
2. **take no of rows from the user**
3. **Send pdf of answers to your group leader (With code & output photo)**

Follow the above steps strictly

Topic: Datatypes + Operators+Control Statements(if+for)

1. **WAP To Print all the divisors of given no**

   Input: 30
   Output: 1 2 3 5 6 10 15 30

2. **WAP to count digits in given no**

   Input: 94211
   Output: digit count is 5

3. **WAP to print all the composite numbers between a given range**

   Input : Enter Start   1
            Enter End   15
   Output:
            4 6 8 9 10 12 14 15

   Input : Enter Start   31
            Enter End   35
   Output:
            32 33 34 35

4. take no of rows from the user

```
*  -  -  -
-  *  -  -
-  -  *  -
-  -  -  *
```

5. take no of rows from the user

```
2     3     5
7     11    13
17    19    23
```

6. take no of rows from the user

```
D     e     F     g
e     D     c     B
F     g     H     i
g     F     e     D
```

7. take no of rows from the user

```
E D C B A
E D C B
E D C
E D
E
```

8. take no of rows from the user

```
0
1     1
2     3     5
8     13    21    34
```

9. take no of rows from the user

```
            1
        1   2
    1   2   3
1   2   3   4
```

10. take no of rows from the user

```
D   D   D   D
    C   C   C
        B   B
            A
```