

Hands-on Exercise-I (Python)

1. Write a python program to display following messages.

```
Hello World!
Hello Again
I like typing this.
This is fun.
Yay! Printing.
I'd much rather you 'not'.
I "said" do not touch this.
```

2. Write a python program to display your initials on the screen in block letters as shown. For example the name Tapan Kumar

```
TTTTTTTTT      K      K
      T      K      K
      T      K K
      T      K
      T      K K
      T      K      K
      T      K      K
```

3. Write a python program to print an equilateral triangle using star '*'.

```
      *
     **
    ***
   ****
  *****
```

4. Write a python program to store your Regd. No and year of admission into two variables, and displays their values on the screen.

```
My Regd. No is 211123142 and I have taken admission in B. Tech. In 2021.
```

5. Write a python program to exchange the values of two variables of integer type A and B using third temporary variable C.
6. Write a python program to exchange the values of two variables of integer type A and B without using third temporary variable.

7. Assume a string variable *ruler1* contains “1” initially i.e.

String ruler1="1"

Write a python program to print the following output using string concatenation. (You can take extra string variables)

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