

Programming Fundamentals Lab

Lab # 01

Q1: Write a python program to print the following line as shown below:

```
Twinkle, twinkle, little star,  
    How I wonder what you are!  
        Up above the world so high,  
        Like a diamond in the sky.  
Twinkle, twinkle, little star,  
    How I wonder what you are!
```

Q2: Write a python program to print an inverted triangle like the following:

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

Q3: Write a python program to print your name, date of birth. and mobile number in separate lines.

Q4: Write a program that calculates the area of a rectangle and print the result on screen.

The formula to calculate the Area is given below.

$A = w * l$

Q5: Write a program that takes the length, width and height of a parallelepiped and finds its volume. The formula to calculate the volume is given below.

$\text{Volume} = \text{length} * \text{width} * \text{height}$