Step by Step Output

PROJECTION OF LINE

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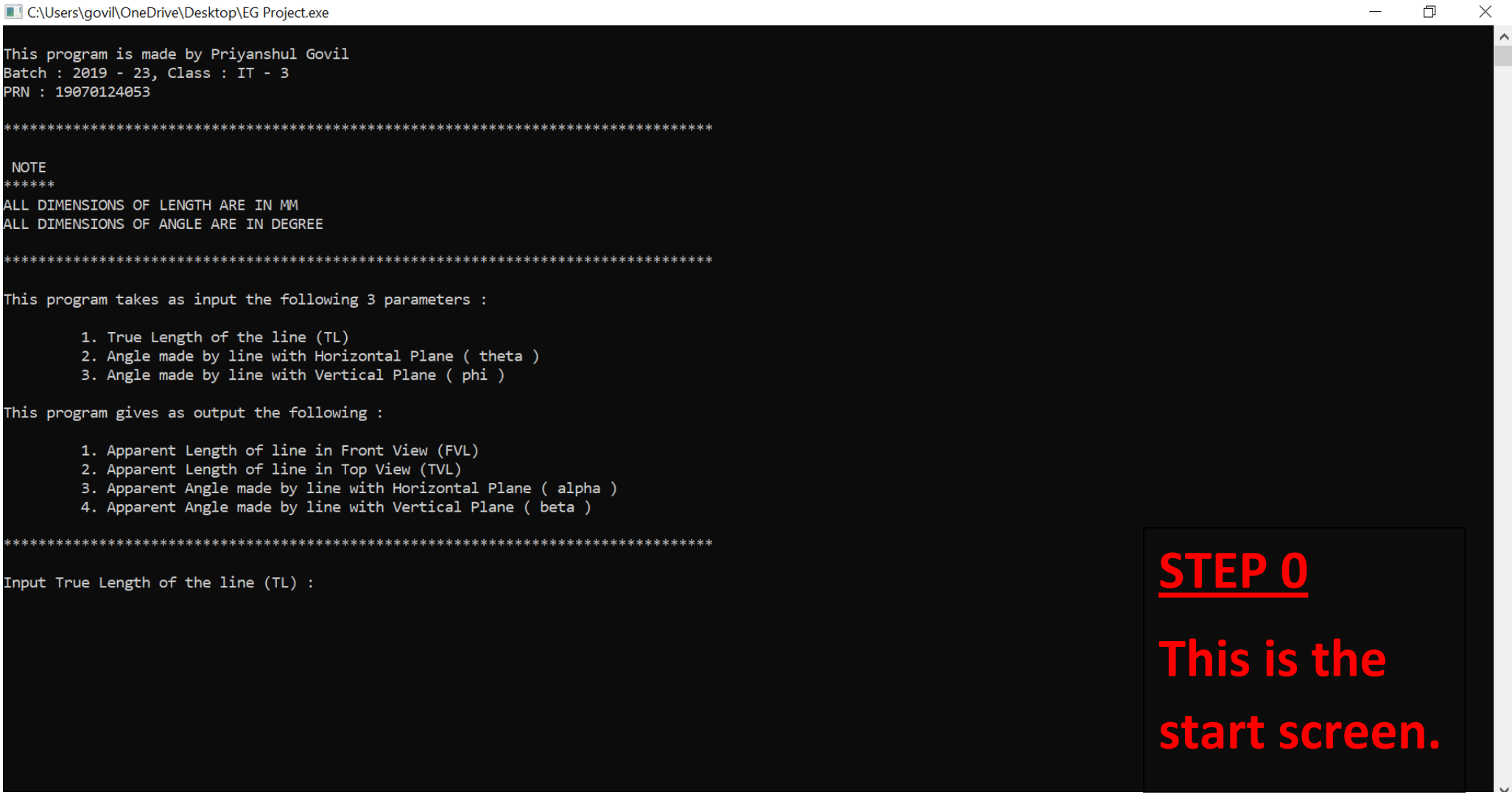

STEP 0

This is the start screen.

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C:\Users\govil\OneDrive\Desktop\EG Project.exe

```
This program is made by Priyanshul Govil
Batch : 2019 - 23, Class : IT - 3
PRN : 19070124053

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 NOTE
******
ALL DIMENSIONS OF LENGTH ARE IN MM
ALL DIMENSIONS OF ANGLE ARE IN DEGREE

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This program takes as input the following 3 parameters :

        1. True Length of the line (TL)
        2. Angle made by line with Horizontal Plane ( theta )
        3. Angle made by line with Vertical Plane ( phi )

This program gives as output the following :

        1. Apparent Length of line in Front View (FVL)
        2. Apparent Length of line in Top View (TVL)
        3. Apparent Angle made by line with Horizontal Plane ( alpha )
        4. Apparent Angle made by line with Vertical Plane ( beta )

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Input True Length of the line (TL) : 80

Input Angle made by line with Horizontal Plane ( theta ) : 30

Input Angle made by line with Vertical Plane ( phi ) : 45
```

STEP 1

Input asked data here.

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********************************************************************************

Input True Length of the line (TL) : 80

Input Angle made by line with Horizontal Plane ( theta ) : 30

Input Angle made by line with Vertical Plane ( phi ) : 45

********************************************************************************

Apparent Length of line in Front View (FVL) = 56.5685

Apparent Length of line in Top View (TVL) = 69.282

Apparent Angle made by line with Horizontal Plane ( alpha ) = 45

Apparent Angle made by line with Vertical Plane ( beta ) = 54.7356

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STEP 2

This is the final output.

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