Lab1

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File Organization

All the files are divided into four folders, each file in the folder is a txt file and a corresponding image is also provided. By load each txt file, you will get the exact image

Simple turtle programs

- Polygon
- Star
- InscribedStar
- Wheel
- Rosette
- Spiral

Turtle Program Operators

- Shift
- Spin
- Scale

Turtle Fractals

- KochSnowflakeSide
- SnowflakeSide
- Snowflake
- PolyGasket

Additional Fractals

- Bush
- Hangman
- Square
- Stairs
- Tree

FLAG

- Flag

  It may take a while to generate the flag (several seconds) !

Something special

I think there is something special about our implementation on the resize function, so I listed our implementation below:

```
void resize(double s){
        _scale *= s;
    }
// we used "*=", instead of "="
```

As for the star

For the star with even number of vertices, we decided not to modify it.