Lab 0
Due Sunday, September 10 by 10:00pm

Turn-In Instructions

This is a warm-up assignment designed to familiarize you with your computer's programming environment. It will be graded on a pass-fail basis: if you turn it in, you pass.

Turn in your work using the git repository assigned to you. The name of the Github repository will have the form `https://aslan.barowy.net/cs334-f23/cs334-lab00-<USERNAME>.git`. For example, if your CS username is `abc1`, the repository would be `https://aslan.barowy.net/cs334-f23/cs334-lab00-abc1.git`. You should have received an invite to commit to the repository via email. If you did not receive an email, please contact me right away!

Honor Code

You are welcome to partner up with another student in this class and to discuss all aspects of the work together. However, be sure to submit your own solution.

This assignment is due on Sunday, September 10 by 10:00pm.

Sanity Check: Students sometimes submit incomplete assignments, accidentally forgetting to run `git add` for all of their files. Fortunately, there is an easy way to make sure that this does not happen to you. Before you are done, `git clone` your repository to a new folder and then try building/running everything. It only takes a couple minutes and can spare you from headaches later on.
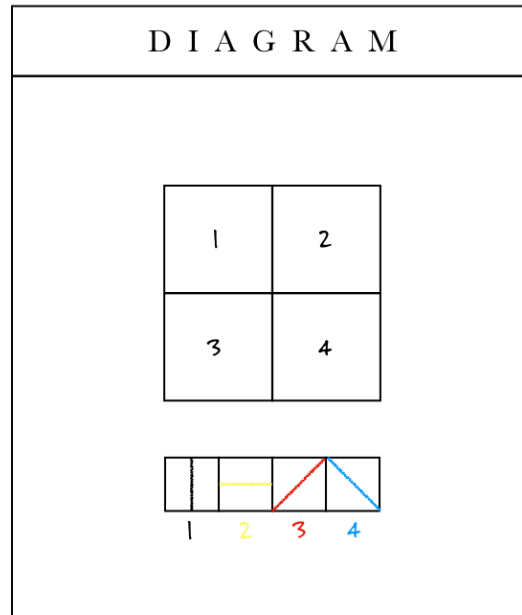
Reading

1. (**Required**) "A Brief Introduction to F#"

Q1. (10 points) .... Is this a program?

Please "evaluate" the following "program." Take a photo of the result with your phone and add it to your submission. **Put your solution in a directory named "q1".**

DIAGRAM

```
A square divided horizontally and vertically
into four equal parts, each with a different
color and line direction.

Red, yellow, blue, black pencil
```

Q2. (20 points) .... Conditional expressions

Write an F# program that prints your name and your current favorite music act/band. For example, my program would print:

```
Dan Barowy
Underworld
```

Put your solution in a directory named "q2". One should be able to run your program on the command line like so.

```
$ dotnet run
Dan Barowy
Underworld
```

Remember that F# always expects your `main` function to return an `int`, so your program should probably return zero.