# Assignment0: Curves

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We did some changes to our fist answer and now the code works properly and the Hilbert curves are drawn as in the requirement.

First of all, we changed the *Curve* to be *data* type. This has led to changes in all the functions we created, and that is why we crated the *cmap* function that can apply any function over all the points in a *Curve*. This helped us to use most of the functions we had before with minor changes.

We fixed the translate function so now it works mathematically correct. We did the same thing for the reflect function. After some testing we figure how to make them work properly

We created the file *main.hs* with the *run* function that we used for tests. With the input from the assignment description we got the Hilbert curves drawn properly.

We also tried to do some testing using the UnitTesting library but we noticed that we need some samples to compare our results with.

## Conclusion