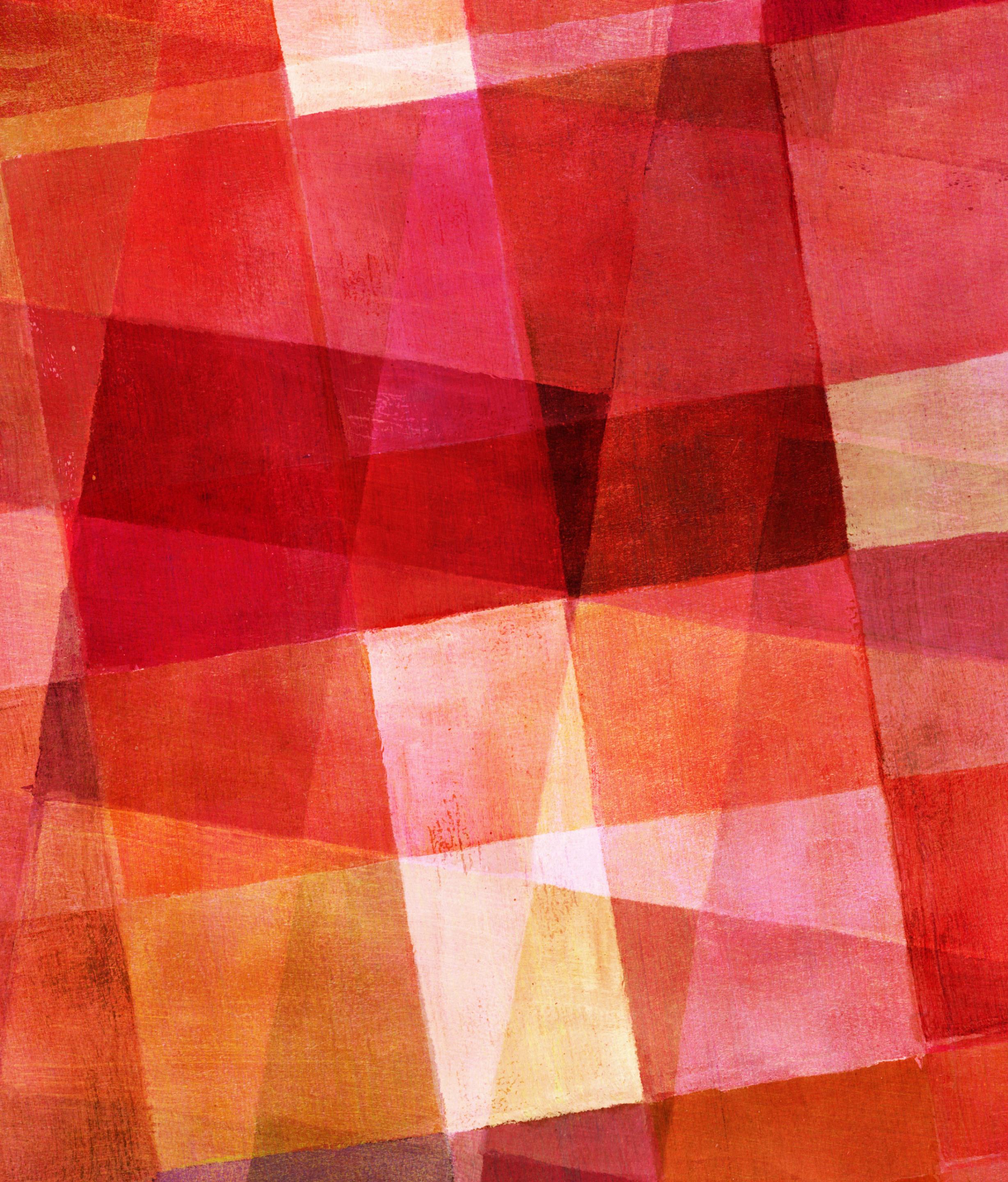




PYTHON (FOR KIDS)

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Recap

- Basics of Programming & Setup
- Python Variables
- Python Data Types
 - String
 - Numbers

How do we tell what type is a given variable and why ?

- Python has built in function type(variable_name)
- This tells us if it's numbers that can be added or strings that will be combined.
- Let's see in an example

STRINGS

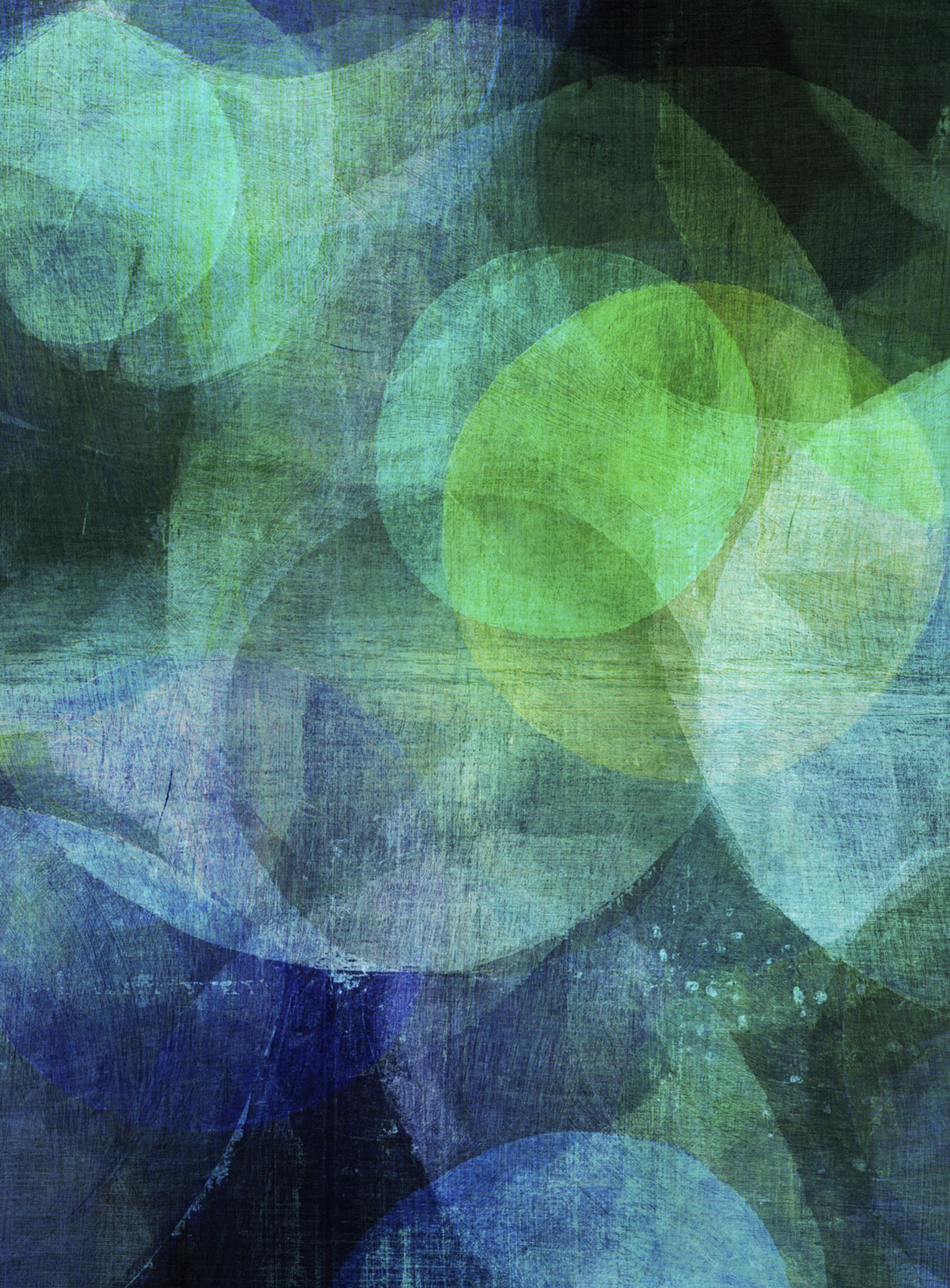
- Last Class we started on Strings, let's learn a little bit more on it.
- Strings can be defined by “ ” or ‘ ’ (Lets see an example which one is preferred)
- How do we take an input from the user ?
 - Input function - `input("Message")` -> Lets see an example.
 - This returns a string, lets use type !

NUMBERS

- We did some division , addition and subtraction on numbers last time.
- Lets also see how to get a remainder using %

MORE DATA TYPES

Lists



LISTS

- Lists are Collection of other Data Types
- Lets take an example:
 - `list_names_in_class = ["Aman", "Divya", "Prisha"]`
 - This list contains 3 strings of names defined =within []
- We can do most of the operations with lists that we can do with strings. Lets take a look.
 - Let's create a new and empty list of states.
 - Let's add few states.
 - Can we access the last added state ?
 - Can we remove it ?

CLASS EXERCISE



LETS MAKE A GREETER

- Take the name of the person running the programming and give them a different greeting each time they run the program.

- I will work with you to make this. We will also use a library to select random element from a list.

- Let's think first what all do we need !
 - List of greetings
 - Name Input
 - Something to chose from the list randomly
 - Print