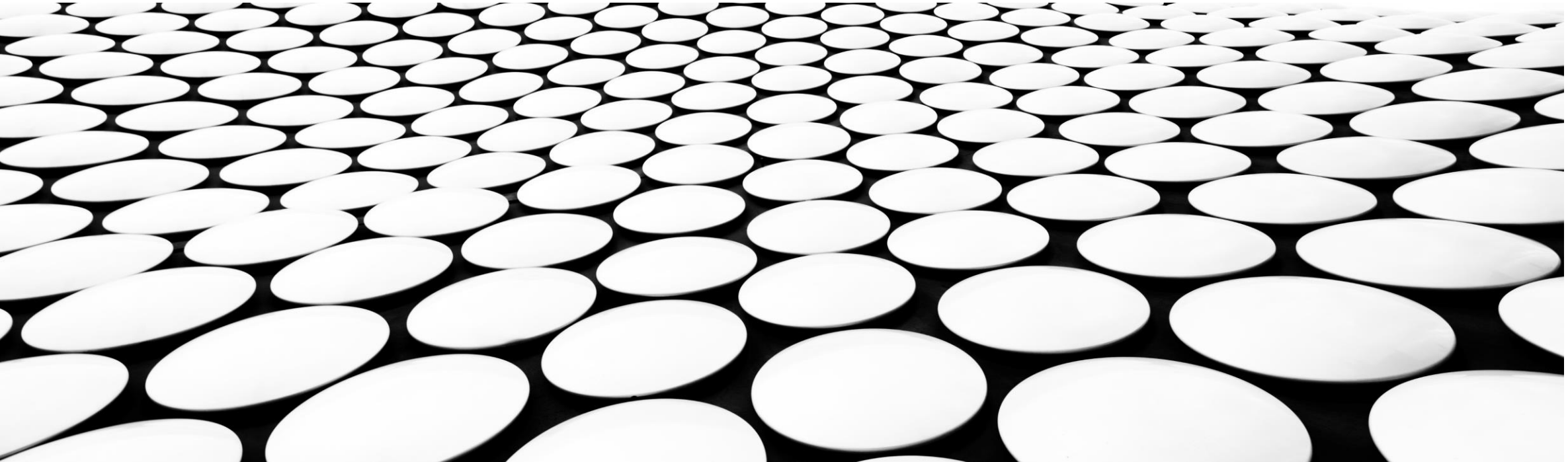


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# EXCEPTIONAL HANDLING

AVNIT BAMBAH





# TRY EXCEPT

- Result = 10/0
- Programming is full of errors and exceptions. If you coded along while reading and experimented around a little bit, you may have encountered one or two error messages. These errors can also be called as exceptions.
- They terminate our scripts and crashes the program if they are not handled properly;

# FILE OPERATIONS

| Letter | Access Mode   |
|--------|---|
| r      | Reading   |
| r+     | Reading and writing ( No Truncating file)             |
| rb     | Reading binary file                                   |
| rb+    | Reading and writing binary files (No Truncating file) |
| w      | Writing   |
| w+     | Reading and Writing (Truncating File)                 |
| wb     | Writing Binary File                                   |

# FILE OPERATIONS

| Letter | Access Mode                                       |
|--------|---|
| Wb+    | Reading and writing Binary File (Truncating file) |
| a      | Appending   |
| a+     | Reading and Appending                             |
| ab     | Appending Binary File                             |
| ab+    | Reading and Appending Binary File                 |

The difference between r+ or rb+ and w+ and wb+ is that w+ and wb+ overwrite existing files and creates new ones if they don't exists. This is not the case with r+ and rb+



## WITH STATEMENT

- We can open and close stream more effectively by using with statements. A with statement opens a stream, executes the intended code and closes the stream afterwards.

# OS – RENAME AND REMOVE FILES

- Import os
- From os import \*
- Remove and rename
- Mkdir – Make dir
- Chdir – change dir