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Jurnal-Sandi / task1 / file_handler.py

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1 contributor

39 lines (31 sloc) | 981 Bytes

```
1 class FileHandler:
2     # read file -> return bytes of file
3     def readFileReturnBytes(self, filename):
4         # Cast bytes to bytearray
5         mutable_bytes = bytearray()
6         with open(filename, "rb") as f:
7             # Bytearray allows modification
8             byte = f.read(1)
9             index = 0
10            while byte != b"":
11                # Do stuff with byte.
12                mutable_bytes.append(byte)
13                byte = f.read(1)
14
15            return mutable_bytes
16
17    # write file with input bytes data -> void
18    def writeFileByBytes(self, filename, bytes_data):
19        open(filename, 'wb').write(bytes_data)
20
21    def writeToFile(self, filename, text):
22        file = open(filename, "w")
23        file.write(text)
24        file.close()
25
26    def outputFormatter(self, text, number_separated):
27        return text if number_separated == 0 else self.outputFormatterRX("", text, 0, number_separated)
28
29    def outputFormatterRX(self, nt, ot, ct, nf):
30        if len(ot) == 0:
31            return nt
32
33        if ct >= nf:
34            if ct % nf == 0:
35                nt += ' '
36
37        ct += 1
38        return self.outputFormatterRX(nt + ot[:1], ot[1:], ct, nf)
39
```