

```

X = [1.1,2.2,3.3,4.4,5.5]
Q = [[1.1, 1.2, 1.3],[2.1, 2.2, 3.3],[3.1, 3.2, 3.3]]
class Struct:
    def __init__(self, model, n, A, system):
        self.model = model
        self.n = n
        self.A = A
        self.system = system
    def __repr__(self):
        return "model:% s; n:% s; A:% s; system:% s" % (self.model, sel
t = Struct("Avarami", 4, 1.05, "sample binary")
f = open("mydata.dat", "w")
f.write("List\t| X | \t")
f.write(str(X))
f.write("\nString\t| S | \t")
f.write('"Authentication code for this file is XzmBqr"')
f.write("\nStruct\t| P | \t")
f.write(str({t}))
f.write("\nMatrix\t| Q | \t")
f.write(str(Q))

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f1 = open("mydata.dat", "r")
print(f1.read())

```

```

List      | X |   [1.1, 2.2, 3.3, 4.4, 5.5]
String    | S |   "Authentication code for this file is XzmBqr"
Struct    | P |   {model:"Avarami"; n:4; A:1.05; system:"sample binary"}
Matrix    | Q |   [[1.1, 1.2, 1.3], [2.1, 2.2, 3.3], [3.1, 3.2, 3.3]]

```

```

from google.colab import files
files.download('mydata.dat')

```

