LABORATORIJSKA VJEŽBA 2

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Kod:

import magic

data1 = magic.from\_file("file1")

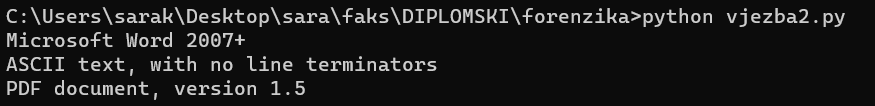
data2 = magic.from\_file("file2.txt")

data3 = magic.from\_file("file3")

print(data1)

print(data2)

print(data3)



**HASH**

Kod:

import hashlib

file1 = "test.txt"

data1 = open(file1, "r").read()

file2 = "test1.txt"

data2 = open(file2, "r").read()

file1\_md5 = hashlib.md5(data1.encode('utf-8')).hexdigest()

file1\_sha1 = hashlib.sha1(data1.encode('utf-8')).hexdigest()

file1\_sha256 = hashlib.sha256(data1.encode('utf-8')).hexdigest()

file2\_md5 = hashlib.md5(data2.encode('utf-8')).hexdigest()

file2\_sha1 = hashlib.sha1(data2.encode('utf-8')).hexdigest()

file2\_sha256 = hashlib.sha256(data2.encode('utf-8')).hexdigest()

print("test.txt md5: " + file1\_md5)

print("test.txt sha1: " + file1\_sha1)

print ("test.txt sha256: " + file1\_sha256)

print("\n")

print("test1.txt md5: " + file2\_md5)

print("test1.txt sha1: " + file2\_sha1)

print ("test1.txt sha256: " + file2\_sha256)

Slika na kojoj se prikazuje tekst

Opis je automatski generiran

**Usporedba worda sa različitim ekstenzijama**

Kod:

import hashlib

file1 = "test.docx"

data1 = open(file1, "r", encoding="latin-1").read()

file2 = "test.jpg"

data2 = open(file2, "r", encoding="latin-1").read()

file1\_md5 = hashlib.md5(data1.encode('latin-1')).hexdigest()

file1\_sha1 = hashlib.sha1(data1.encode('latin-1')).hexdigest()

file1\_sha256 = hashlib.sha256(data1.encode('latin-1')).hexdigest()

file2\_md5 = hashlib.md5(data2.encode('latin-1')).hexdigest()

file2\_sha1 = hashlib.sha1(data2.encode('latin-1')).hexdigest()

file2\_sha256 = hashlib.sha256(data2.encode('latin-1')).hexdigest()

print("test.docx md5: " + file1\_md5)

print("test.docx sha1: " + file1\_sha1)

print ("test.docx sha256: " + file1\_sha256)

print("\n")

print("test.jpg md5: " + file2\_md5)

print("test.jpg sha1: " + file2\_sha1)

print ("test.jpg sha256: " + file2\_sha256)

Slika na kojoj se prikazuje tekst

Opis je automatski generiran

**File type u folderu Dokaz**

Kod:

import magic

data1 = magic.from\_file("Dokaz/Secret\_file\_11.txt")

data2 = magic.from\_file("Dokaz/Secret\_file\_12.pdf")

data3 = magic.from\_file("Dokaz/Secret\_file\_22.png")

data4 = magic.from\_file("Dokaz/Secret\_file\_48.docx")

data5 = magic.from\_file("Dokaz/Secret\_file\_49.pdf")

data6 = magic.from\_file("Dokaz/Secret\_file\_52.jpg")

data7 = magic.from\_file("Dokaz/Secret\_file\_72.docx")

data8 = magic.from\_file("Dokaz/Secret\_file\_92.jpg")

print("Secret\_file\_11.txt:\t" + data1)

print("Secret\_file\_12.pdf:\t" + data2)

print("Secret\_file\_22.png:\t" + data3)

print("Secret\_file\_48.docx:\t" + data4)

print("Secret\_file\_49.pdf:\t" + data5)

print("Secret\_file\_52.jpg:\t" + data6)

print("Secret\_file\_72.docx:\t" + data7)

print("Secret\_file\_92.jpg:\t" + data8)

Slika na kojoj se prikazuje tekst

Opis je automatski generiran