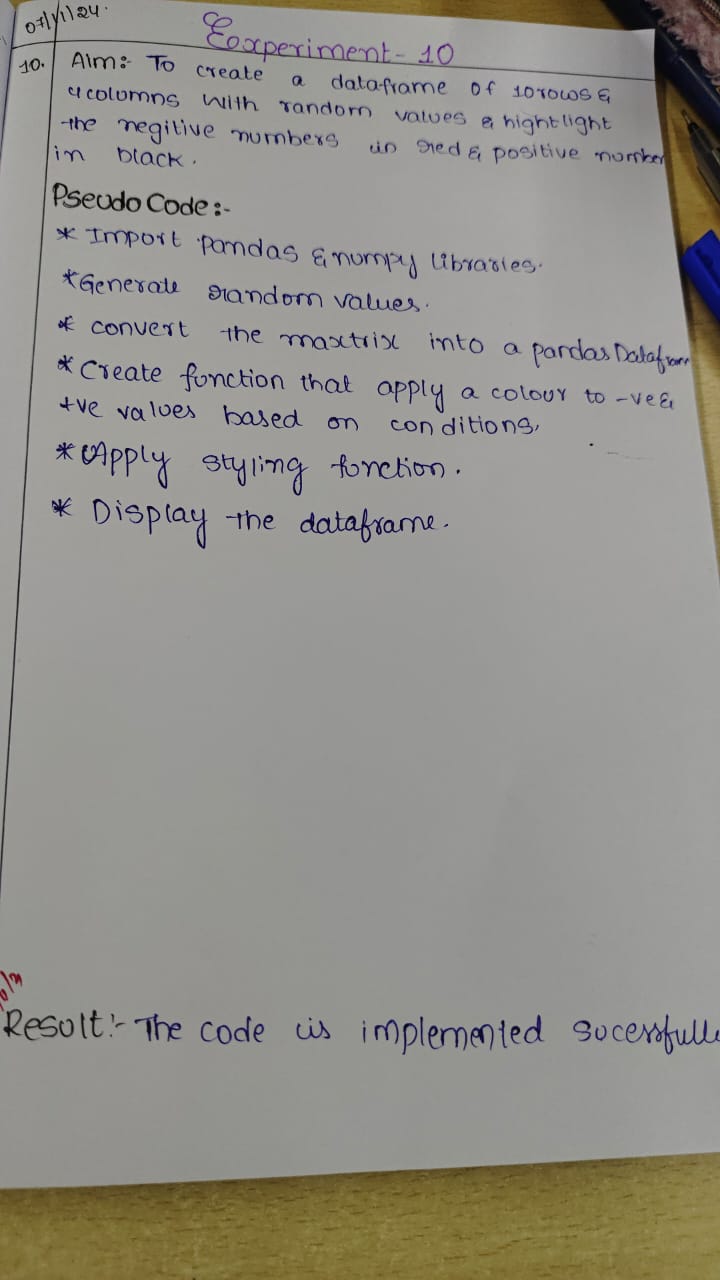
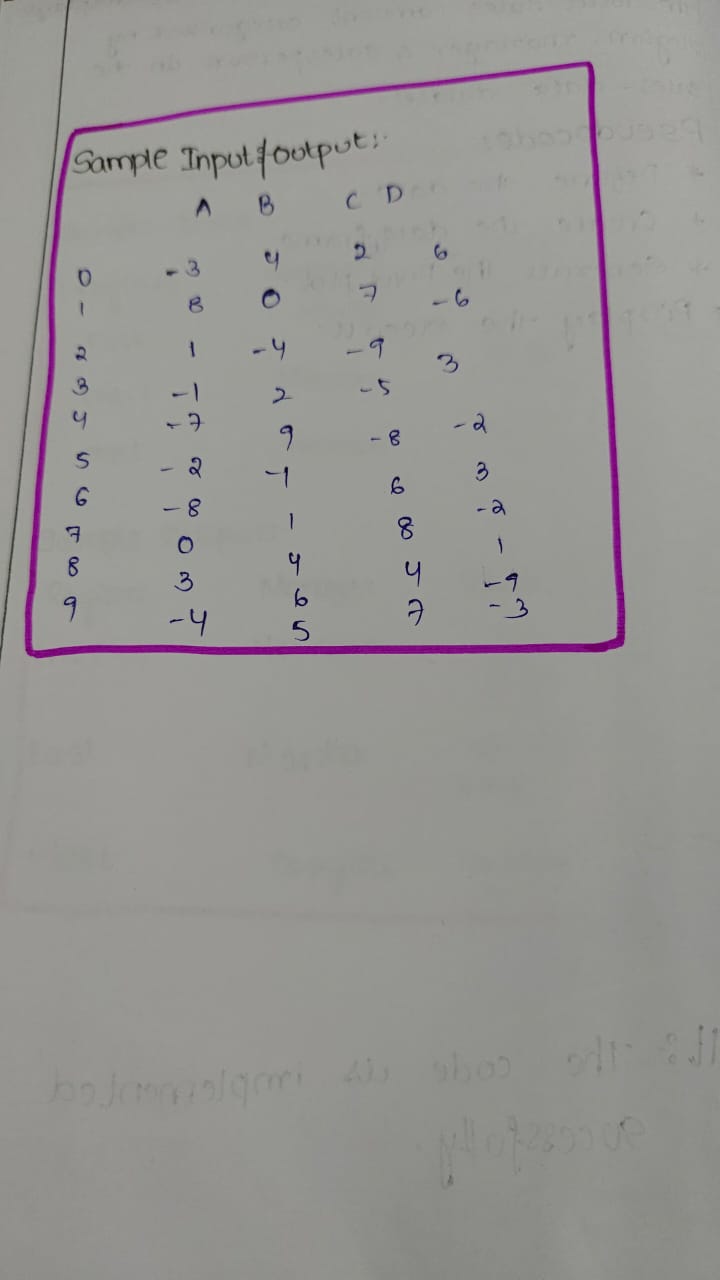
**Experiment 10**

**Lab Book:**

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**Code:**

import pandas as pd

import numpy as np

np.random.seed(0)

data = np.random.randn(10, 4)

df = pd.DataFrame(data, columns=['A', 'B', 'C', 'D'])

def format\_dataframe(df):

    formatted\_df = df.copy()

    for col in formatted\_df.columns:

        formatted\_df[col] = formatted\_df[col].apply(lambda x: f"\033[91m{x}\033[0m" if x < 0 else f"\033[30m{x}\033[0m")

    return formatted\_df

formatted\_df = format\_dataframe(df)

print(formatted\_df)

**Sample Output**

