10.Create a dataframe of ten rows, four columns with random values. Write a

Pandas program to highlight the negative numbers red and positive numbers

black.

Program:

import pandas as pd

import numpy as np

np.random.seed(24)

df = pd.DataFrame({'A': np.linspace(1, 10, 10)})

df = pd.concat([df, pd.DataFrame(np.random.randn(10, 4), columns=list('BCDE'))], axis=1)

print("Original array:")

print(df)

def color\_negative\_red(val):

color = 'red' if val < 0 else 'black'

return 'color: %s' % color

print("\nNegative numbers red and positive numbers black:")

df.style.applymap(color\_negative\_red)

Output:

