11.Create a dataframe of ten rows, four columns with random values. Convert

some values to nan values. Write a Pandas program which will highlight the

nan values.

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)

df.iloc[0, 2] = np.nan df.iloc[3, 3] = np.nan df.iloc[4, 1] = np.nan df.iloc[9, 4] = np.nan

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.highlight\_null(null\_color='red')

Output:

