20.Write a Pandas program to find the index of a given substring of a

DataFrame column.

Program:

import pandas as pd

df = pd.DataFrame({

'name\_code': ['c0001','1000c','b00c2', 'b2c02', 'c2222'],

'date\_of\_birth ': ['12/05/2002','16/02/1999','25/09/1998','12/02/2022','15/09/1997'],

'age': [18.5, 21.2, 22.5, 22, 23]})

print("Original DataFrame:")

print(df)

print("\nIndex of a substring in a specified column of a dataframe:")

df['Index'] = df['name\_code'].str.find('c', 0, 5)

print(df)

Output:

