import pandas as pd

pd.set\_option('display.max\_rows', None)

pd.set\_option('display.max\_columns', None)

student\_data = pd.DataFrame({

'school\_code': ['s001','s002','s003','s001','s002','s004'],

'class': ['V', 'V', 'VI', 'VI', 'V', 'VI'],

'name': ['Alberto Franco','Gino Mcneill','Ryan Parkes', 'Eesha Hinton', 'Gino Mcneill', 'David Parkes'],

'date\_Of\_Birth': ['15/05/2002','17/05/2002','16/02/1999','25/09/1998','11/05/2002','15/09/1997'],

'age': [12, 12, 13, 13, 14, 12],

'height': [173, 192, 186, 167, 151, 159],

'weight': [35, 32, 33, 30, 31, 32],

'address': ['street1', 'street2', 'street3', 'street1', 'street2', 'street4']},

index=['S1', 'S2', 'S3', 'S4', 'S5', 'S6'])

print("Original DataFrame:")

print(student\_data)

student\_data[student\_data['height'] >= 160]

student\_data[student\_data['date\_Of\_Birth'] >= 1/01/2001]

import datetime as dt

x = dt.datetime.now()

print('Value of x:', x)

#for i in range

print('here is year:', x.year)

print('here is time:', x.strftime("%A"))

print('month:', x.month )

print('value of end time:', x)

student\_data.info()

student\_data['date\_Of\_Birth']= pd.to\_datetime(student\_data['date\_Of\_Birth'])

student\_data.info()

print(student\_data['date\_Of\_Birth'].min())

print(student\_data['date\_Of\_Birth'].max())

student\_data['year'] = pd.DatetimeIndex(student\_data['date\_Of\_Birth']).year

student\_data['month'] = pd.DatetimeIndex(student\_data['date\_Of\_Birth']).month

student\_data['day'] = pd.DatetimeIndex(student\_data['date\_Of\_Birth']).day

student\_data.head(3)

student\_data[student\_data["year"] > 2001]

student\_data[student\_data['height'] >= 150]