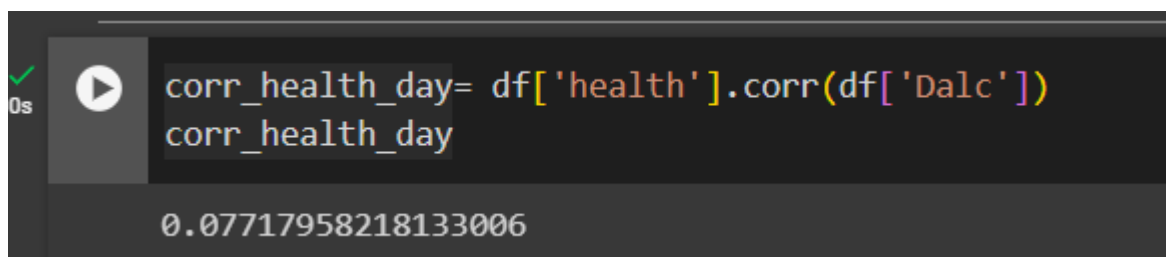


Name:Sujal Kumar  
Reg No:23MCA10069  
Date:22/01/24

### Experiment No-1(b)

Aim:Perform the following pre-processing activities:

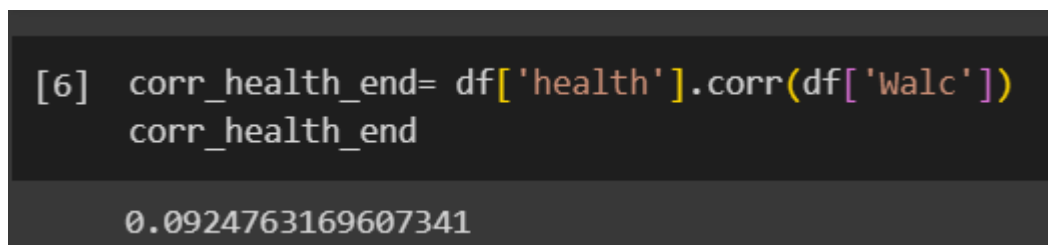
1. Find the correlation between Students health and Week Day Alcohol Consumption.



```
corr_health_day= df['health'].corr(df['Dalc'])  
corr_health_day
```

0.07717958218133006

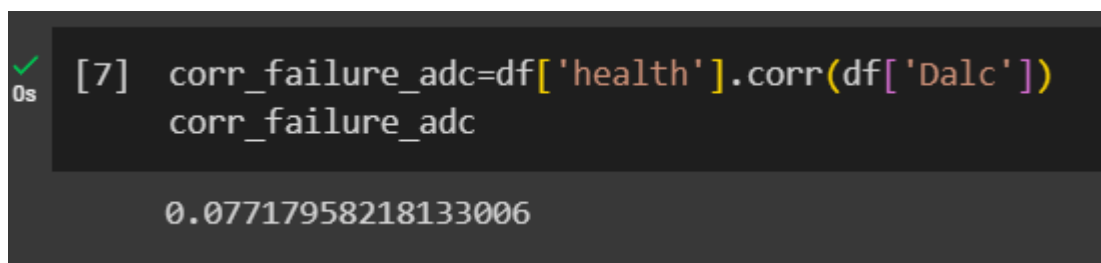
2. Find the correlation between Students health and week end Alcohol Consumption



```
[6] corr_health_end= df['health'].corr(df['Walc'])  
corr_health_end
```

0.0924763169607341

3. Find the correlation between Failure and Daily Alcohol Consumption.



```
[7] corr_failure_adc=df['health'].corr(df['Dalc'])  
corr_failure_adc
```

0.07717958218133006

4. Find the correlation between Failure and study-time.

```
✓  
0s [8] corr_failure_study=df['failures'].corr(df['studytime'])  
      corr_failure_study  
  
      -0.1735630314159756
```

5. Find the correlation between Failure and travel timing.

```
✓  
0s [9] corr_failure_travel=df['failures'].corr(df['traveltime'])  
      corr_failure_travel  
  
      0.09223874620951124
```