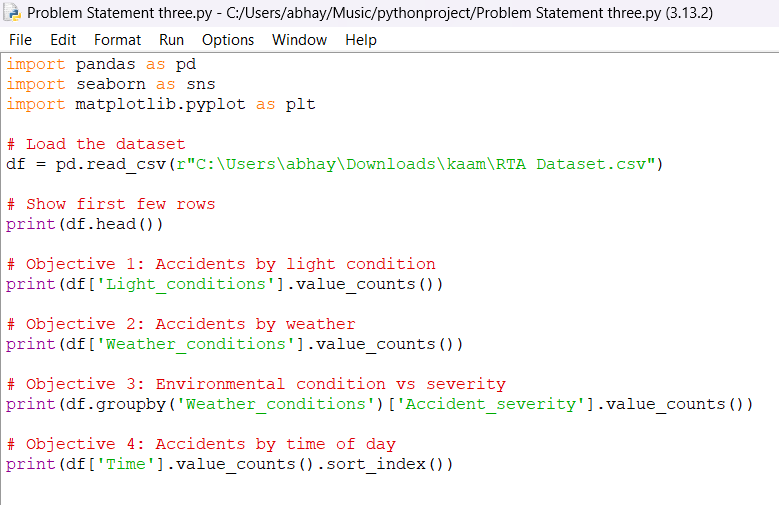
Code



->Problem Statement 3: Environmental and Light Conditions

import pandas as pd

import seaborn as sns

import matplotlib.pyplot as plt

# Load the dataset

df = pd.read\_csv(r"C:\Users\abhay\Downloads\kaam\RTA Dataset.csv")

# Show first few rows

print(df.head())

# Objective 1: Accidents by light condition

print(df['Light\_conditions'].value\_counts())

# Objective 2: Accidents by weather

print(df['Weather\_conditions'].value\_counts())

# Objective 3: Environmental condition vs severity

print(df.groupby('Weather\_conditions')['Accident\_severity'].value\_counts())

# Objective 4: Accidents by time of day

print(df['Time'].value\_counts().sort\_index())

