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# -*- coding: utf-8 -*-
"""
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"""

import sys
import os
import pickle as pickle

model = pickle.load(open(r'C:\Users\RASIKA KAMBLI\Desktop\Sem 3\Water\trained_model.

def water_quality_prediction(pH, Hardness, Solids, Chloramines, Sulfate, Conductivity, Organic_carbon, Trihalomethanes, Turbidity):

    if pH < 7:
        print('pH is not suitable for drinking')
    else:
        print('pH is suitable for drinking')

    if Hardness > 100:
        print('Hardness is not suitable for drinking')
    else:
        print('Hardness is suitable for drinking')

    if Solids > 1000:
        print('Solids is not suitable for drinking')
    else:
        print('Solids is suitable for drinking')

    if Chloramines > 10:
        print('Chloramines is not suitable for drinking')
    else:
        print('Chloramines is suitable for drinking')

    if Sulfate > 100:
        print('Sulfate is not suitable for drinking')
    else:
        print('Sulfate is suitable for drinking')

    if Conductivity > 1000:
        print('Conductivity is not suitable for drinking')
    else:
        print('Conductivity is suitable for drinking')

    if Organic_carbon > 10:
        print('Organic_carbon is not suitable for drinking')
    else:
        print('Organic_carbon is suitable for drinking')

    if Trihalomethanes > 10:
        print('Trihalomethanes is not suitable for drinking')
    else:
        print('Trihalomethanes is suitable for drinking')

    if Turbidity > 10:
        print('Turbidity is not suitable for drinking')
    else:
        print('Turbidity is suitable for drinking')

def main():
    print('Water Quality Prediction')

    with open('pH.txt', 'w') as f:
        f.write('Please Enter pH value:')

    with open('Hardness.txt', 'w') as f:
        f.write('Please Enter Hardness value:')

    with open('Solids.txt', 'w') as f:
        f.write('Please Enter Solids value:')

    with open('Chloramines.txt', 'w') as f:
        f.write('Please Enter Chloramines value:')

    with open('Sulfate.txt', 'w') as f:
        f.write('Please Enter Sulfate value:')

    with open('Conductivity.txt', 'w') as f:
        f.write('Please Enter Conductivity value:')

    with open('Organic_carbon.txt', 'w') as f:
        f.write('Please Enter Organic_carbon value:')

    with open('Trihalomethanes.txt', 'w') as f:
        f.write('Please Enter Trihalomethanes value:')

    with open('Turbidity.txt', 'w') as f:
        f.write('Please Enter Turbidity value:')

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'''
if
    'Water Quality Result'

if
    '__main__'
```