Python TTest Assignment Description:

The data were collected from randomly selected houses in Wales.

The researcher wants to study the effect of temperature changes inside the houses due to the installation of cavity wall insulation

The researcher randomly selected some houses in Northern Wales to collect the indoor temperature of those houses before the installation of cavity wall insulation.

After the installation, the researcher randomly selected some houses in Southern Wales to collect the indoor temperature of those houses

Your task is to determine if there are differences between the data collected from the houses before the insulation installation and houses after the insulation installation.

You should write a Python program named ttestanalysis.py, you should obtain the p_value of your Ttest analysis and store it in a variable named Temp_P_Value.

Hints:

Determine the statistical method first,

Store the data in NumPy array,

Perform the analysis using Scipy module as discussed in class.