Write a program in python to perform following task :
Standardizing Data (transform them into a standard
Gaussian distribution with a mean of 0 and a standard
deviation of 1) (Use winequality-red.csv)

```python
In [1]:  import pandas as pd
         from sklearn.preprocessing import StandardScaler

         df = pd.read_csv('winequality-red.csv')
         scaler = StandardScaler()

         features = df.drop('quality', axis=1)
         std_features = scaler.fit_transform(features)

         std_df = pd.DataFrame(std_features, columns=features.columns)
         std_df['quality'] = df['quality'].values

         print(std_df.head())
```

```
   fixed acidity  volatile acidity  citric acid  residual sugar  chlorides  \
0      -0.528360          0.961877    -1.391472       -0.453218  -0.243707
1      -0.298547          1.967442    -1.391472        0.043416   0.223875
2      -0.298547          1.297065    -1.186070       -0.169427   0.096353
3       1.654856         -1.384443     1.484154       -0.453218  -0.264960
4      -0.528360          0.961877    -1.391472       -0.453218  -0.243707

   free sulfur dioxide  total sulfur dioxide   density        pH  sulphates  \
0            -0.466193             -0.379133  0.558274  1.288643  -0.579207
1             0.872638              0.624363  0.028261 -0.719933   0.128950
2            -0.083669              0.229047  0.134264 -0.331177  -0.048089
3             0.107592              0.411500  0.664277 -0.979104  -0.461180
4            -0.466193             -0.379133  0.558274  1.288643  -0.579207

    alcohol  quality
0 -0.960246        5
1 -0.584777        5
2 -0.584777        5
3 -0.584777        6
4 -0.960246        5
```