```
def log_transformation(data, column_name):
    data[f'{column_name}_log'] = np.log(data[column_name])
    stat, p_value = shapiro(data[f'{column_name}_log'])
    distribution = sns.kdeplot(data[f'{column_name}_log'])

    print(distribution)
    print('p-value: ', p_value)
```

Function to perform log transformation

It takes the actual column name and add _log with the real name