```python
X = [2, 3, 4, 5]
n = len(X)

# Calculate LHS
lefthand = sum([(x - 1)**2 for x in X])

# Calculate RHS
righthand = sum([x**2 for x in X]) - 2 * sum(X) + n

# Check if LHS is equal to RHS
if lefthand == righthand:
    print("The equation is proven for the given values of Xj.")
    print(f"LHS = {lefthand}")
    print(f"RHS = {righthand}")
else:
    print("The equation is not proven for the given values of Xj.")
    print(f"LHS = {lefthand}")
    print(f"RHS = {righthand}")
```