hw5_pr2.py > ...

```python
# This problem is pseudopolynomial

# Subproblem - The subproblem is to add all other indexes other than the current index
# After add to possible sums that can be achieved using a subset of nums

# Relation - each new sum is formed by either including the current number or excluding it
# (e.g. newDP.add(t + num) and newDP.add(t))

# Topological Order - the topological order is increasing for i in nums array

# Base - dp.add(0)

# Original - partition_iter(nums)

# Time - O(n * s)
```

hw5_pr3.py > ...

```python
# This problem is pseudopolynomial

# Subproblem - take all the cost that don't equal the current house paint cost and find the minimum

# Relation - dp[i][j] = costs[i][j] + min(dp[i-1][k] for k in range(numOfColors) if k != j)

# Topological Order - From left to right iterating over the houses

# Base - dp[0] = costs[0]

# Original - costToPaint(n)

# Time - O(n * m)
```