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88. COIN CHANGE PROBLEM
PROGRAM:
def coin_change(coins, amount):
  dp = [float('inf')] * (amount + 1)
  dp[0] = 0
  for coin in coins:
    for i in range(coin, amount + 1):
      dp[i] = min(dp[i], dp[i - coin] + 1)
  return dp[amount] if dp[amount] != float('inf') else -1
# Example Usage
coins = [1, 2, 5]
amount = 11
print(coin_change(coins, amount)) # Output: 3
OUTPUT:
3
=== Code Execution Successful ===
```

TIME COMPLEXITY:O(n*m)