89. Coin Change Problem

Code:

```python
def coinChange(coins, amount):
    dp = [amount + 1] * (amount + 1)
    dp[0] = 0
    for coin in coins:
        for x in range(coin, amount + 1):
            dp[x] = min(dp[x], dp[x - coin] + 1)
    return dp[amount] if dp[amount] <= amount else -1
print(coinChange([1, 2, 5], 11))
print(coinChange([2], 3))
print(coinChange([1], 0))
```

Output:

```
3
-1
0
```

Time Complexity:

- T(n)= O(n.m)