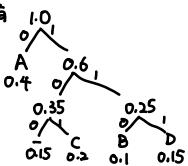


問題 9.1

```
1. coinChange(amount, coins):
    sort(coins) 从大到小
    result = []
    remaining = amount
    for coin in coins:
        while remaining >= coin:
            remaining = remaining - coin
            result += coin
    if remaining == 0:
        return result
    else:
        return -1
3. workProcess(jobs):
    sort(jobs) //从大到小
    current = 0
    total = 0
    for i from 1 to n:
        complete = current + jobs[i]
        total += complete
        current += jobs[i]
    return total
```

問題 9.4

1. a. 由題意有



- b. 0110010101100111
c. ACBACA