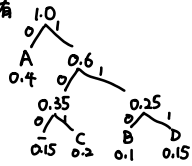


习题 9.1

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) 从小到大`  
`current = 0`  
`total = 0`  
`for i from 1 to n:`  
`complete = current + jobs[i]`  
`total += complete`  
`current += jobs[i]`  
`return total`

习题 9.4

1. 0. 由题有



- b.  $\frac{A}{0} \frac{B}{1} \frac{A}{0} \frac{C}{0} \frac{A}{1} \frac{B}{0} \frac{A}{0} \frac{D}{1}$
- c.  $\text{ACBACA}$