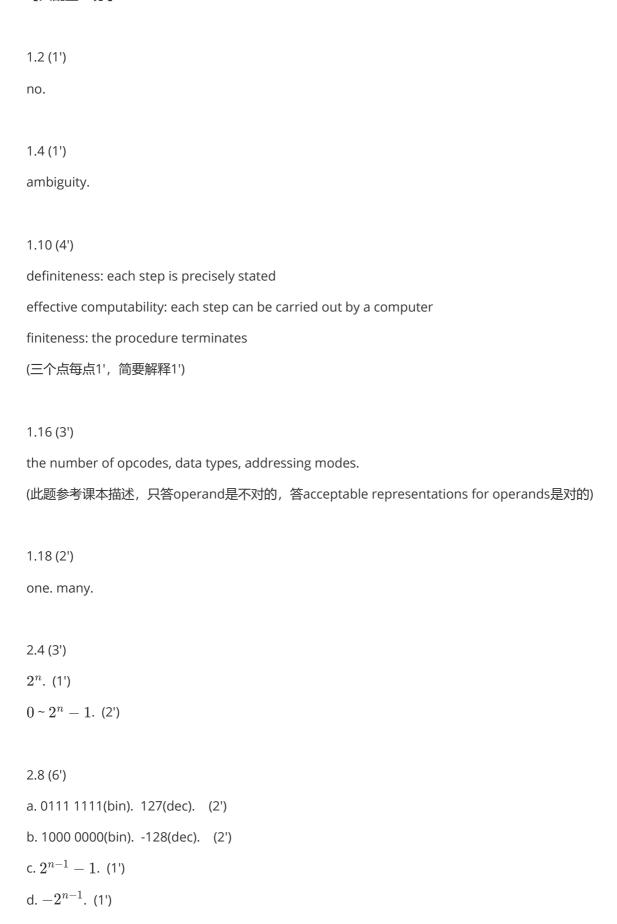
hw1

【共配置51分】



```
2.17 (8')
```

- a. 1100(bin). -4(dec). (2')
- b. 0101 0100(bin). 84(dec). (2')
- c. 0011(bin). 3(dec). (2')
- d. 11(bin). -1(dec). (2')

2.20 (15')

- a. 1100(-4) + 0011(+3) = 1111(-1). no overflow. (3') (计算正确1',操作数和结果都用十进制表示1',溢出判断1')
- b. 1100(-4) + 0100(+4) = 0000(0). no overflow. (3')
- c. 0111(+7) + 0001(+1) = 1000(-8). overflow. (3')
- d. 1000(-8) 0001(+1) = 0111(+7). overflow. (3')
- e. 0111(+7) + 1001(-7) = 0000(0). no overflow. (3')
- 2.34 (8')
- a. 0111 (2')
- b. 0111 (2')
- c. 1101 (2')
- d. 0110 (2')