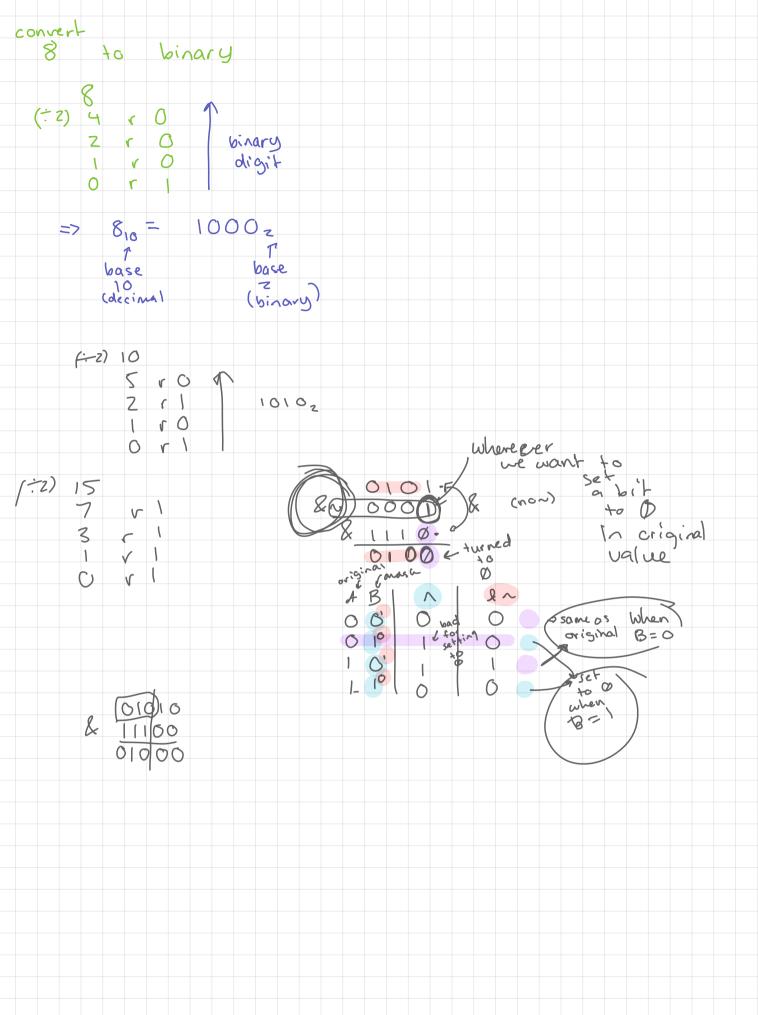
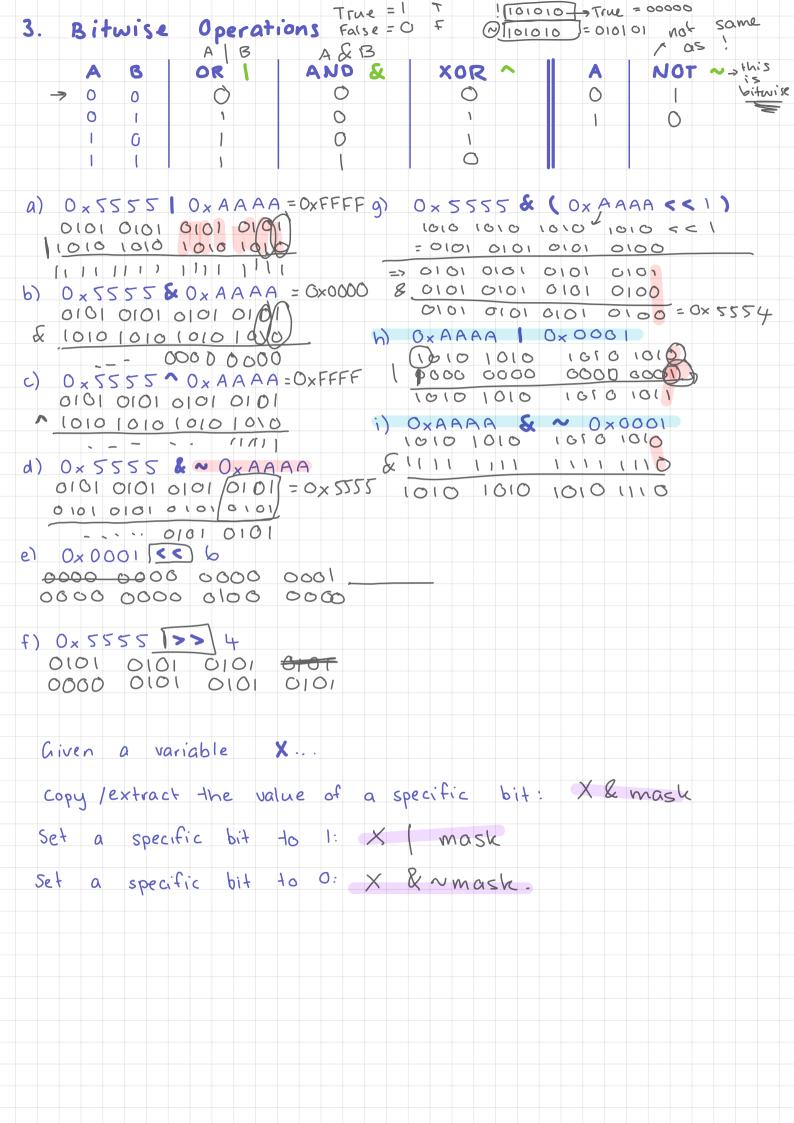
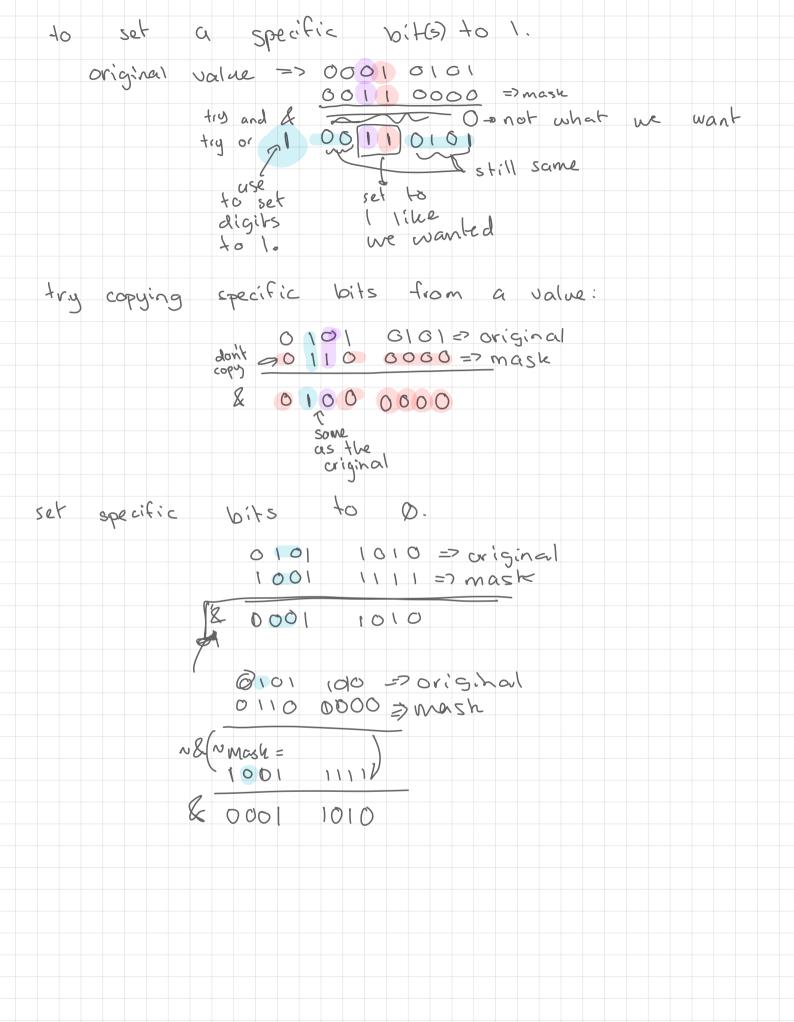
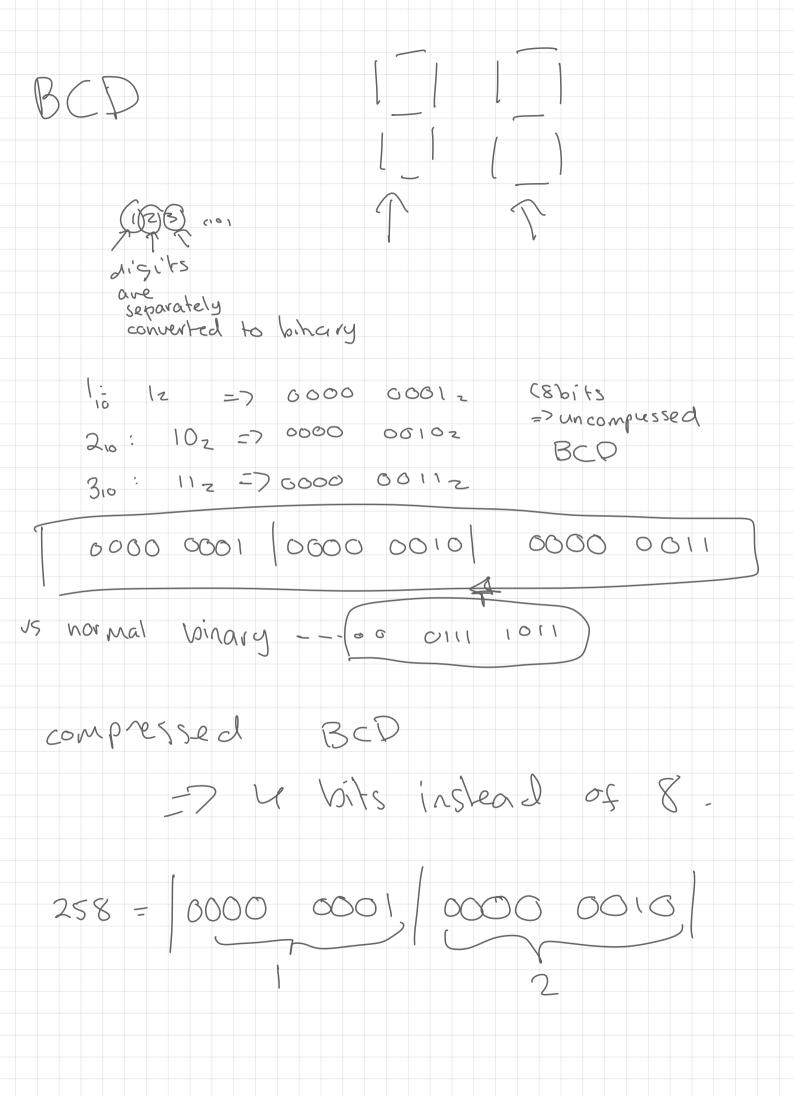


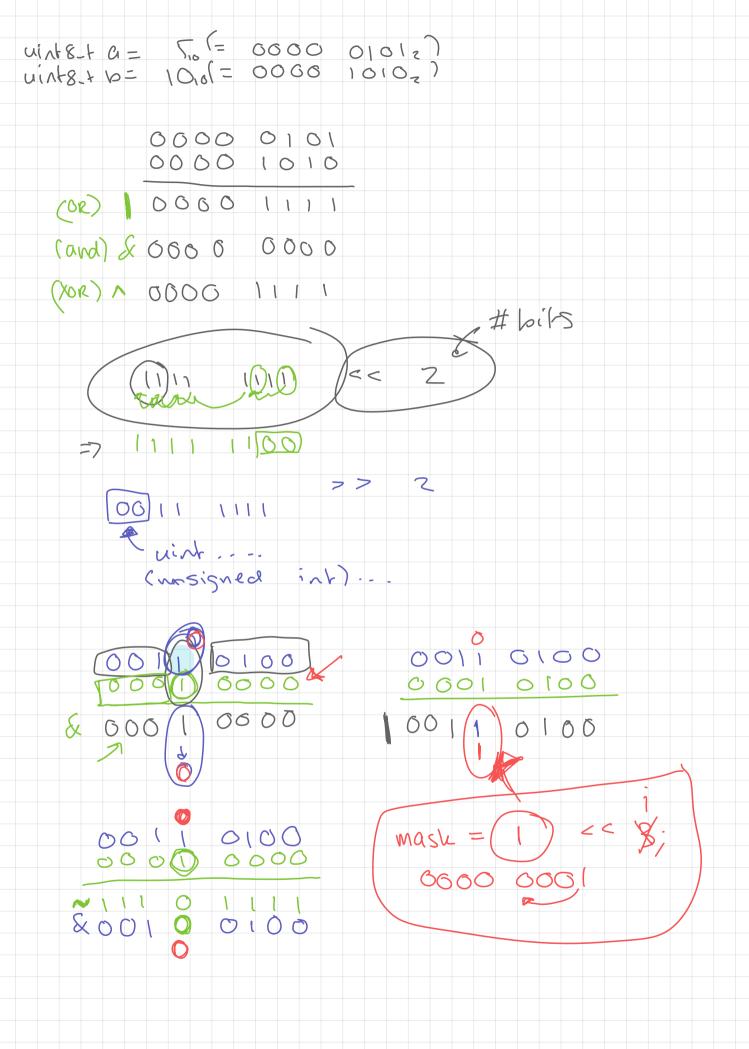
Ween 2 1. When should the types in staint. h be used? runsigned => what is the type wint8-+? E8 bits now is it different to int8-t? (positive & negative) - not unsigned > How are the bases [decimal (base 10), hexadecimal 2. (base 16), octal (base 8) and binary (base 2)] denoted in c? hexadecimal starts with 0x octal: starts with 0 decimal: everything else binary: =700 -> not standard > pis don't use it. = 8 digits **binary** decimal octal hexadecimal 001 0 1 a. 1 08 b. 8 010 · 0 0 0 0 1 0 1 0 23zz 2' za OA 10 012 c. OF d. 15 017 00001111 16 ٤. t. 100 9. 127 200 Decimal Decimal Binary Hexadecinal Hexadecinal Binary 0000 1000 0 0 8 9 0001 9 I 1001 2 0010 Z 10 1010 A 3 0011 1011 3 11 13 C 4 0 100 12 1100 5 5 0101 13 1101 D 14 1110 F 6 0 110 6 111 15 0111 F 7

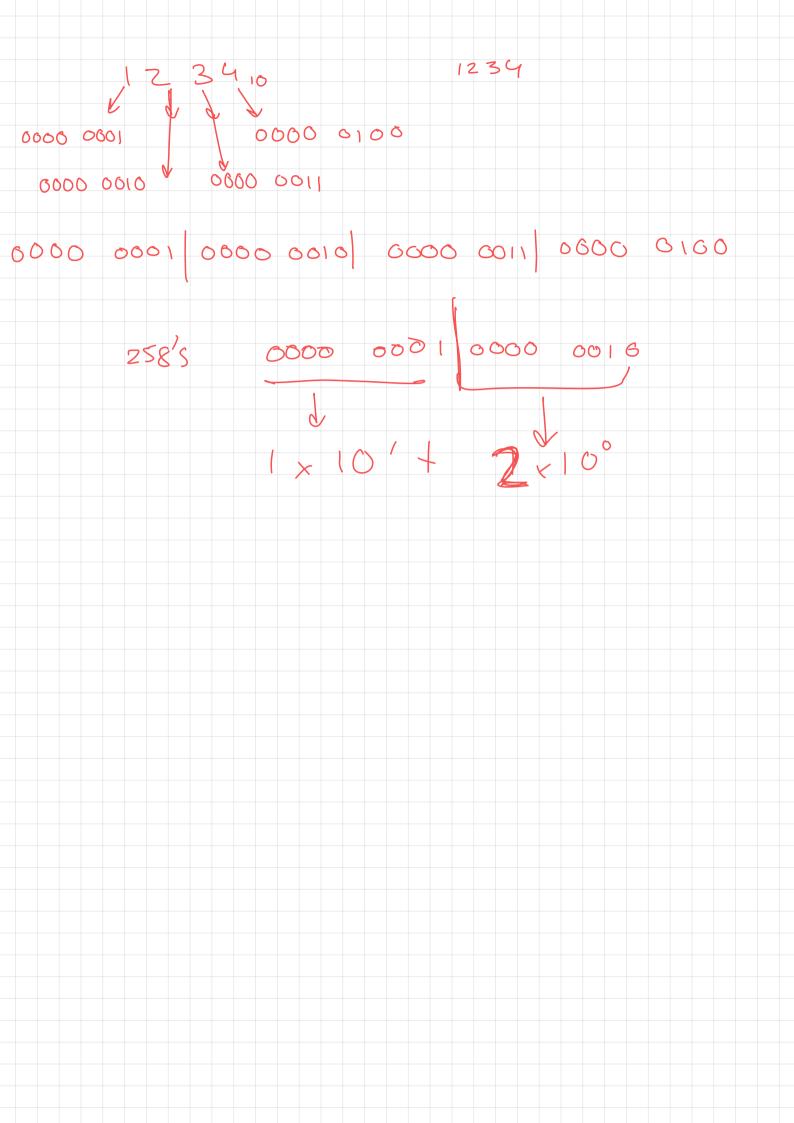




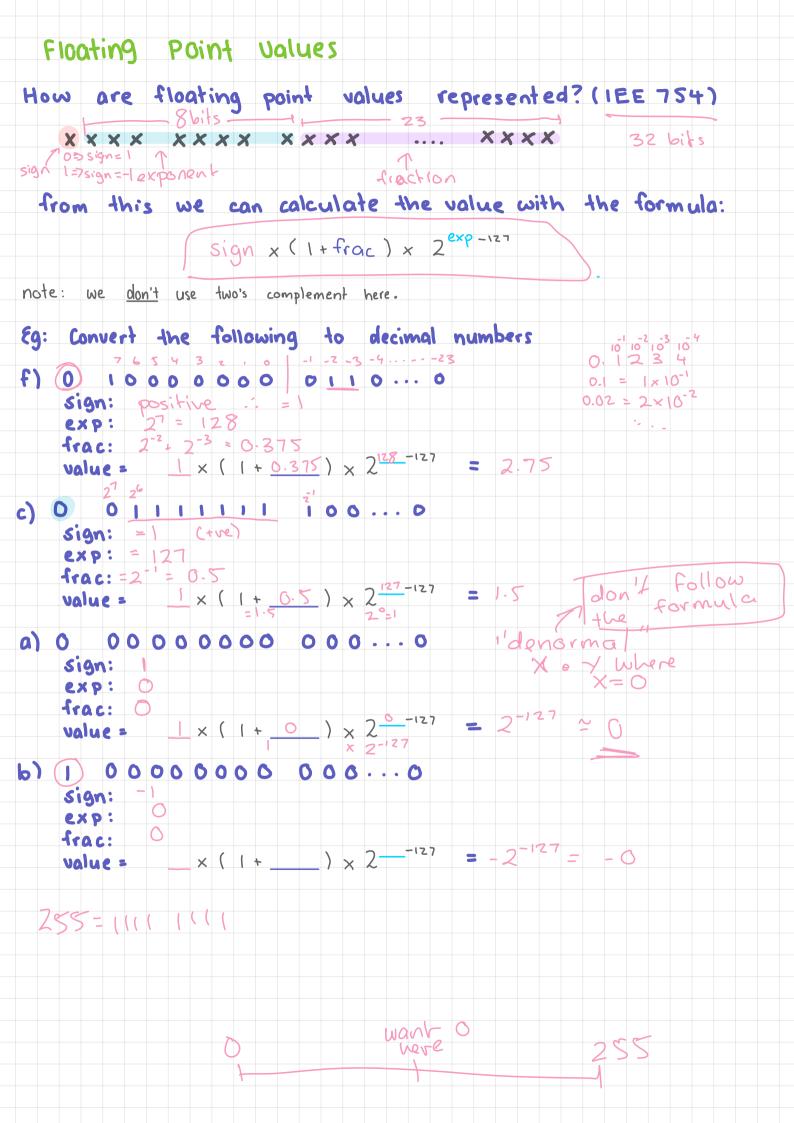


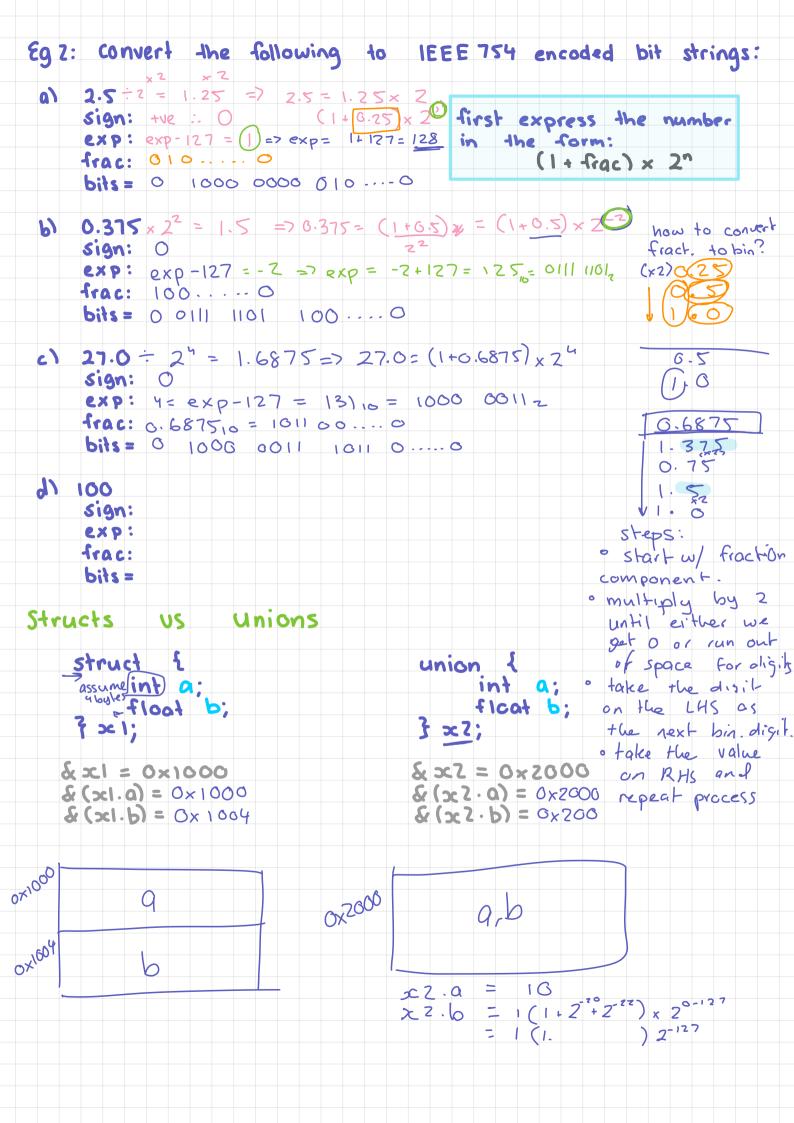


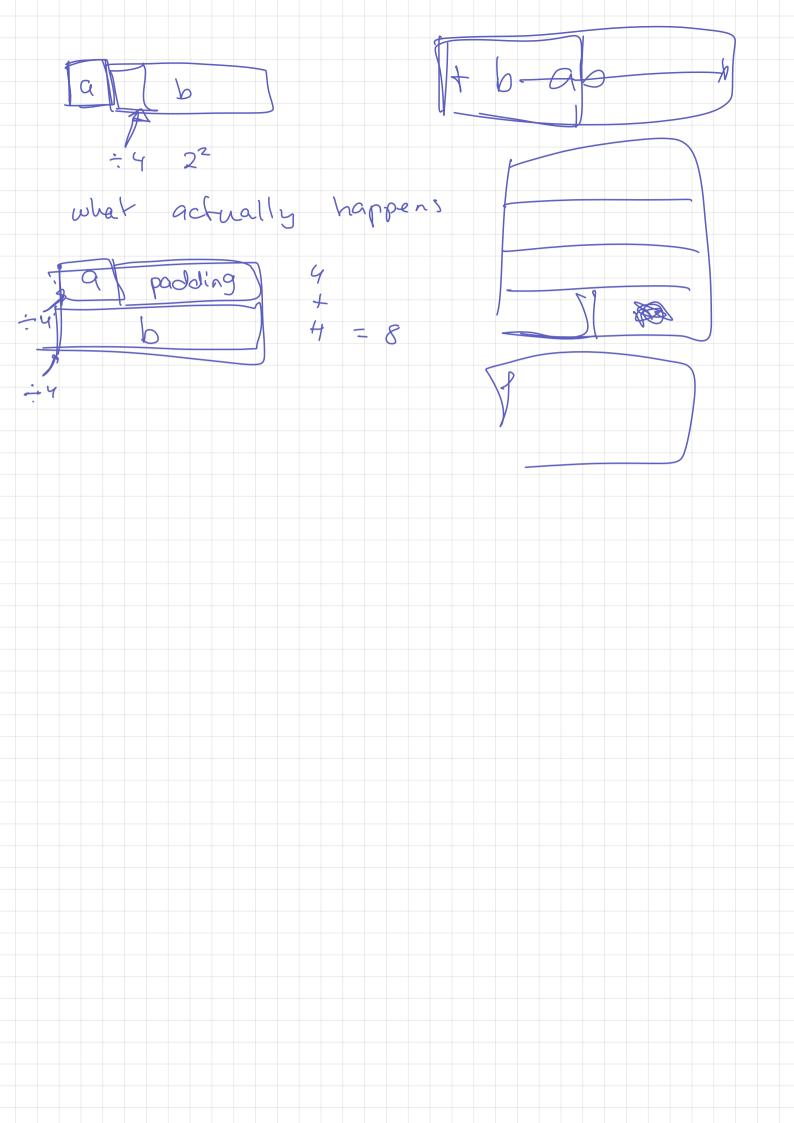


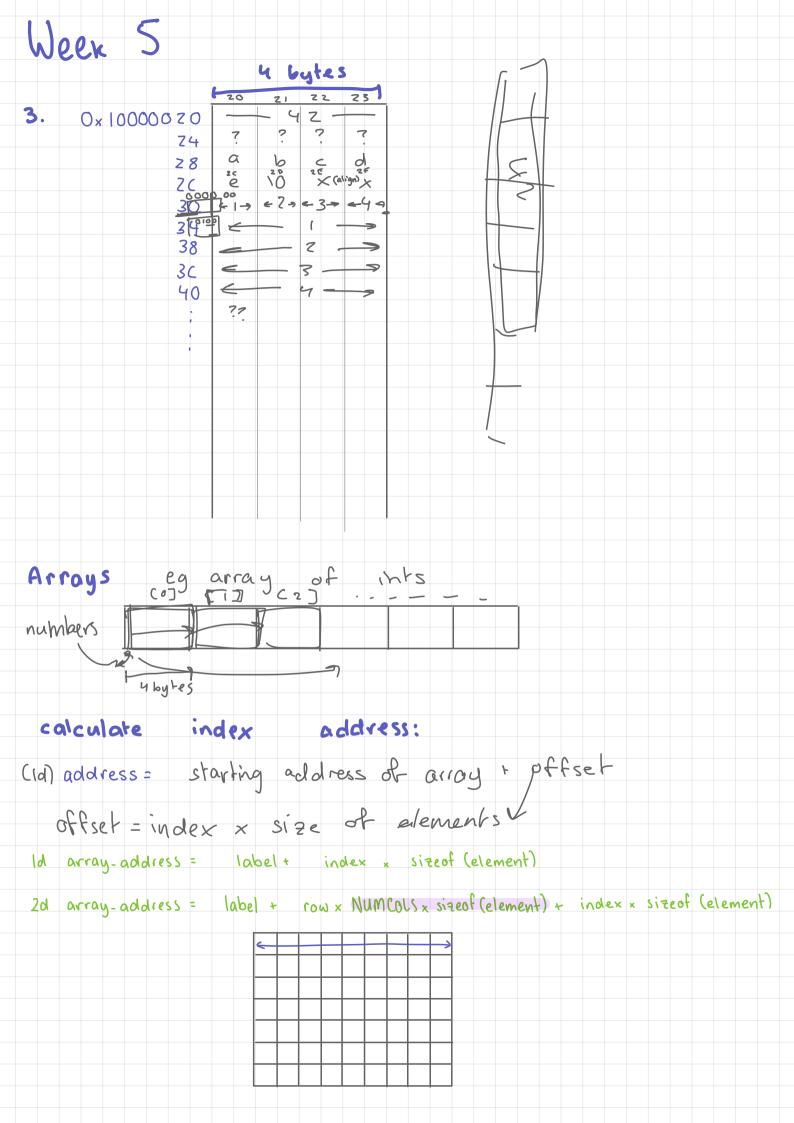


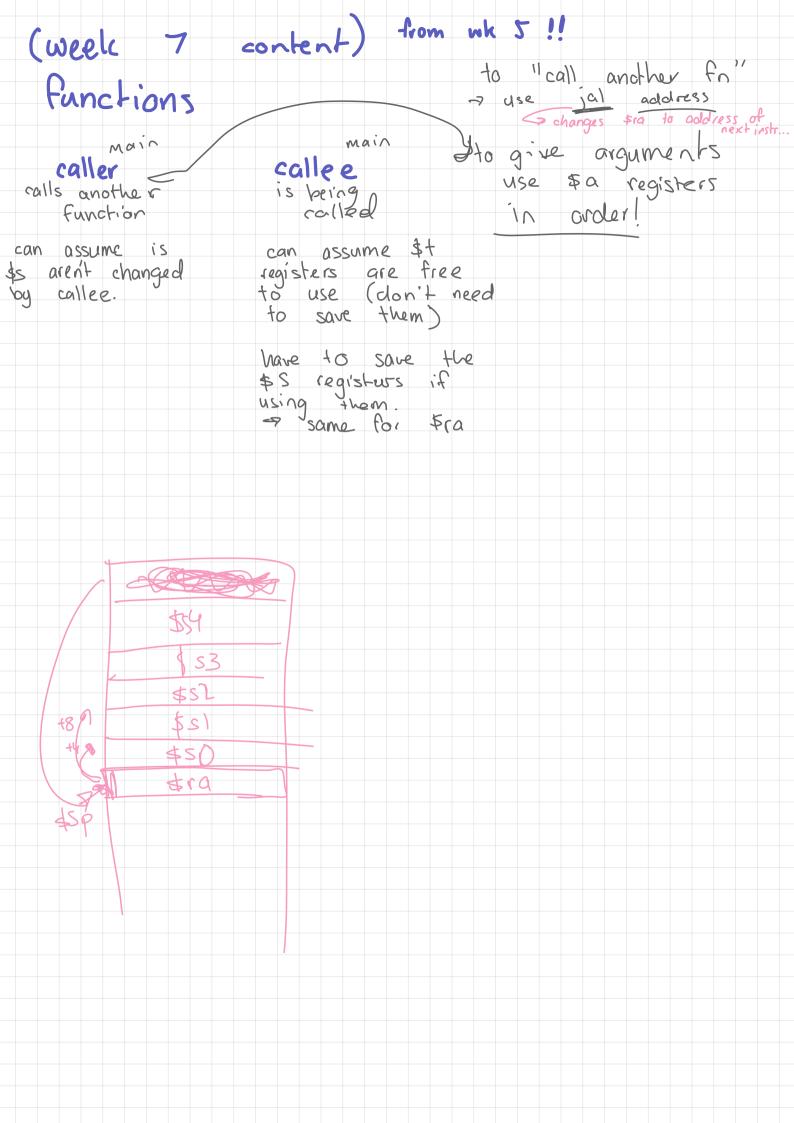


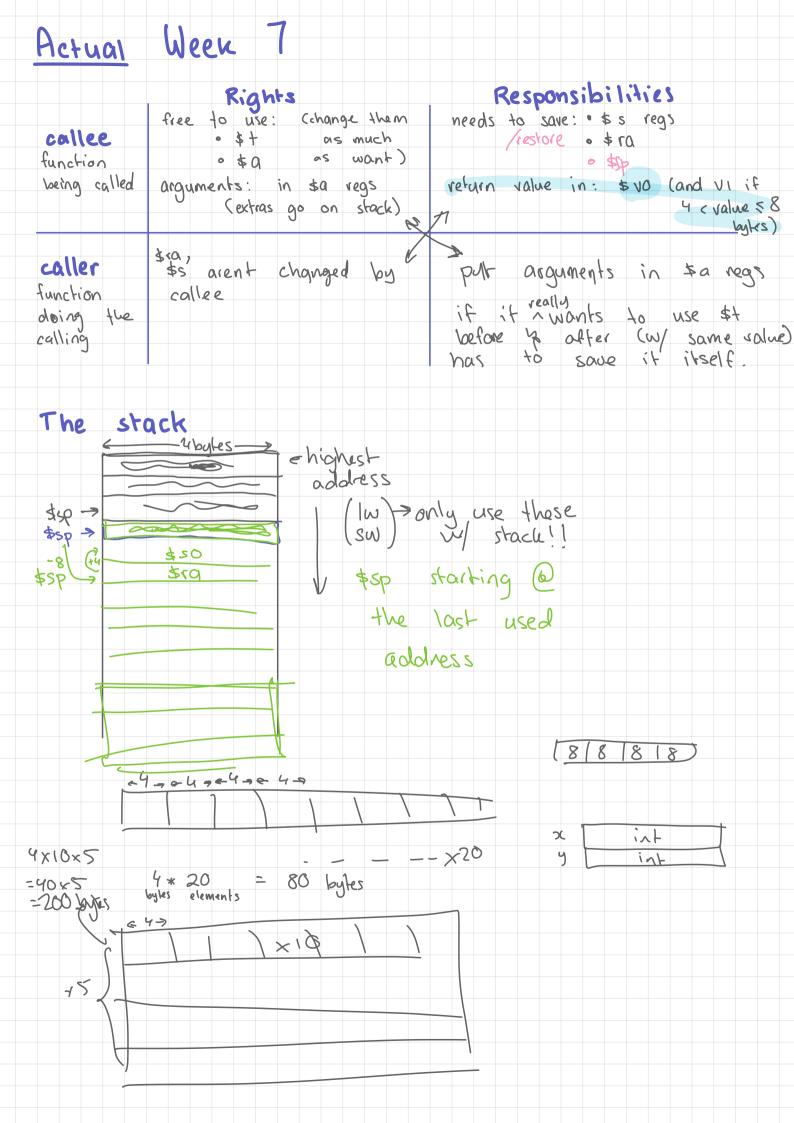


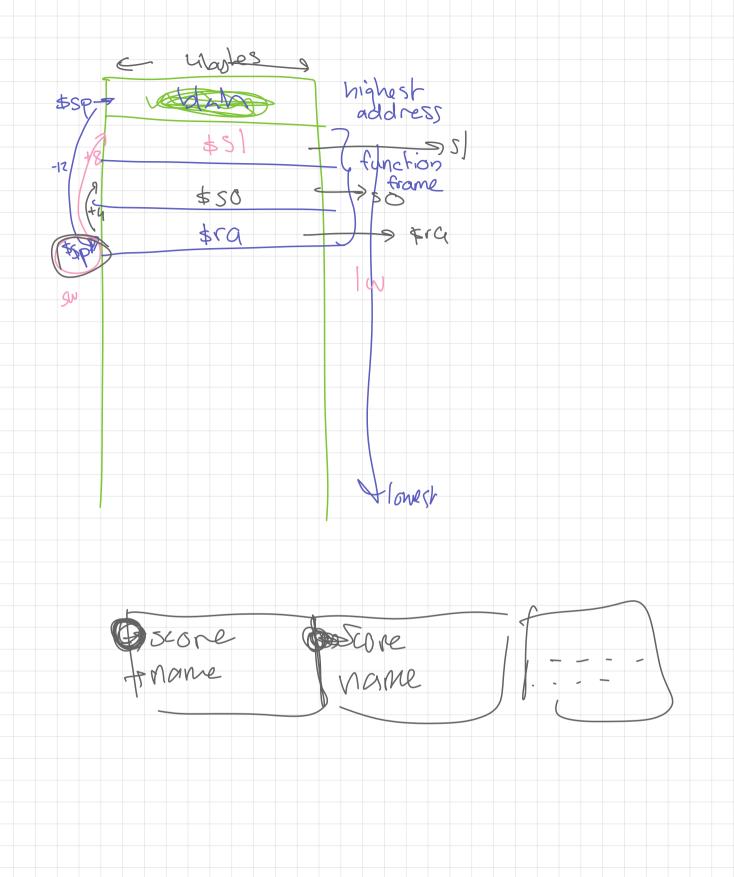












Week 8 Q1 bin dev null cs1521 jas 18s1.work admin a) / home/cs/521/web (syl / none/ jas/ work causes (h) acycle b) v = home parent directory home / jas (...) = / d) cat? - executable file. e) home >> directory f) thy 0 > files that act as output to peripherals 9) symbolic link is a pointer to another file in the tree. h) graph structure has cycles I looleyp hard links! Q3 try man 3 topen in your terminal?

```
fopen (pth, "r");

open (pth, O_RDONLY);

fopen (pth, O_WRONLY | O_CREAT | O_APPEND);

fopen (pth, "w");

open (pth, O_WRONLY | O_CREAT | O_TRUNC);

fopen (pth, O_WRONLY | O_CREAT | O_TRUNC);

fopen (pth, O_RDOWR)
```

