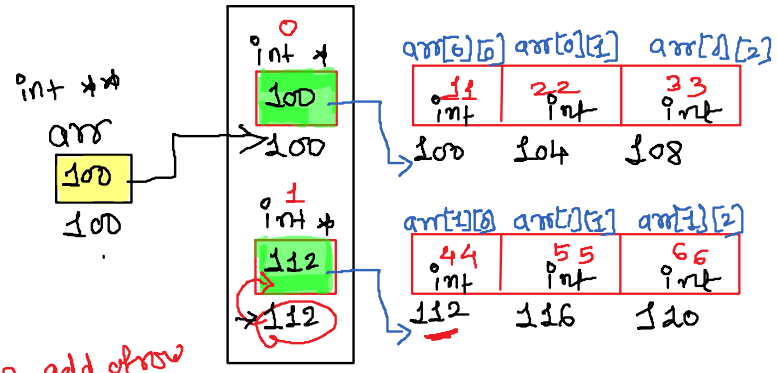
Thursday, March 30, 2023 2:01 PM



arr = 100

*arr = *(100) = 100

**arr = *(*(100) / 100) = 11

arr + 1 100 + 1 = 112 add of row

*(arr + 1) *(100+1 / 112) = 112 add of col/in.

*(arr + 1) + 2 = *(100+1 / 112) = (112 + 2)

112 + 2 → add of int, int → 120

*(*(arr+1) + 2)

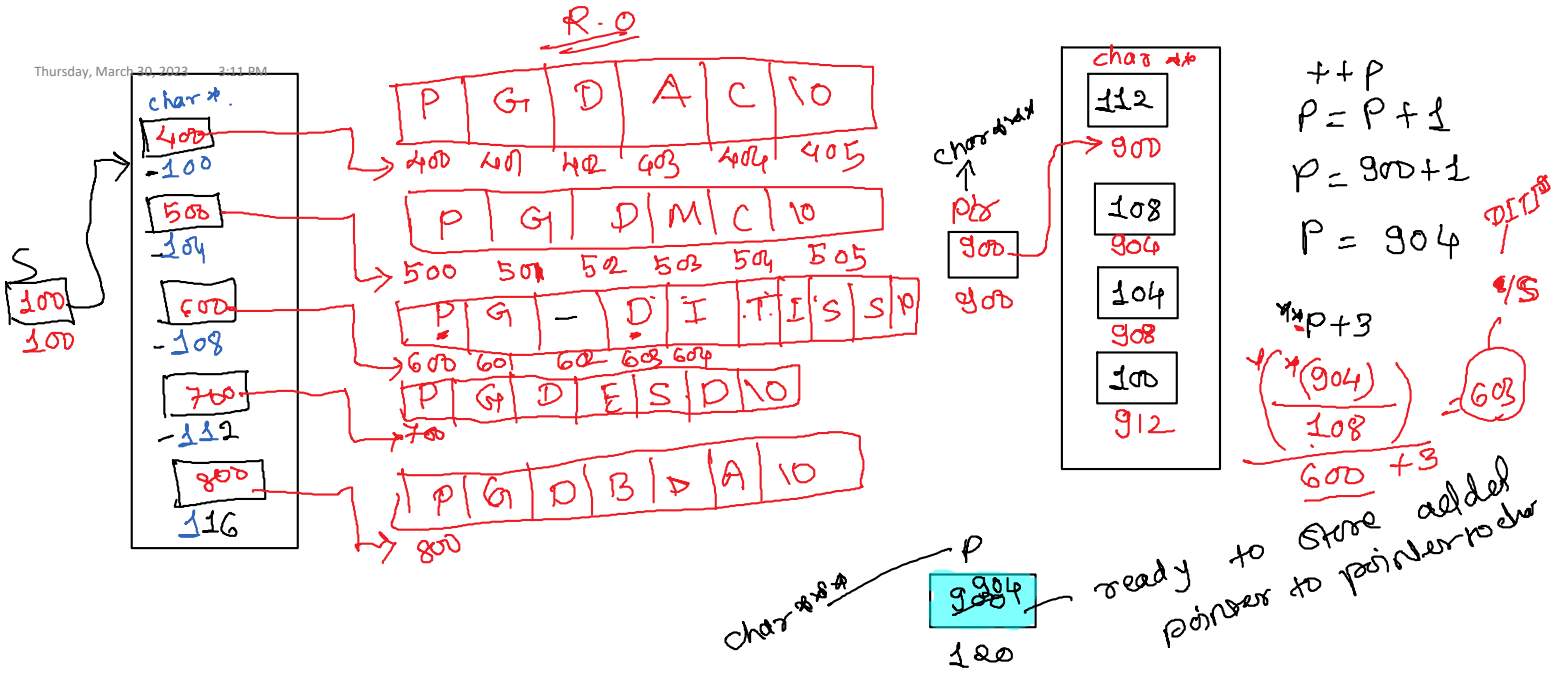
*(*(100+1 / 112) + 2) = 66

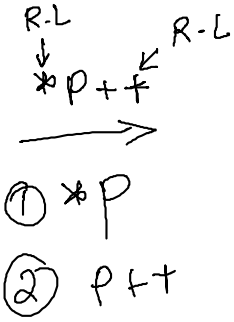
120

arr[1][2] = 66

*(arr + 1)[2]

*(*(arr+1) + 2)


R.O
char *
char **
++p
p = p + 1
p = 900 + 1
p = 904
**p+3
ready to store added pointer to pointer to char


R-L
R-L
*p++
① *p
② p++

**p+3

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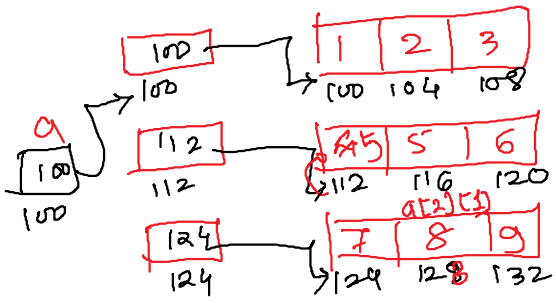
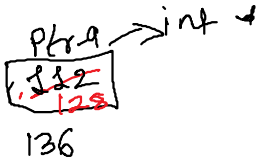
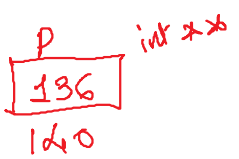


ptr_a = &a[2][1]



*ptr_a = 4

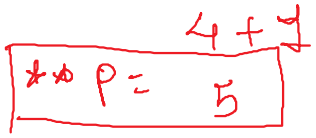


**p = **p + 1

*(*136 / 112) + 1

*ptr_a = *(128) = 8

**a = *(*(100) / 100) = 1



4 5 5 8 1

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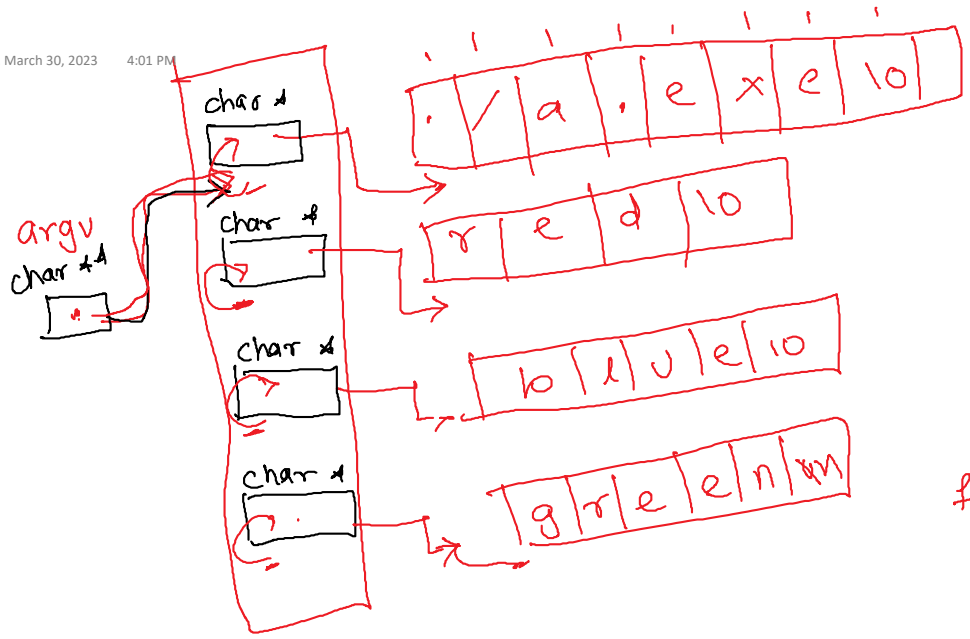
<exe filename> [<arguments>]

each arg to be separated by space

./a.exe red blue green

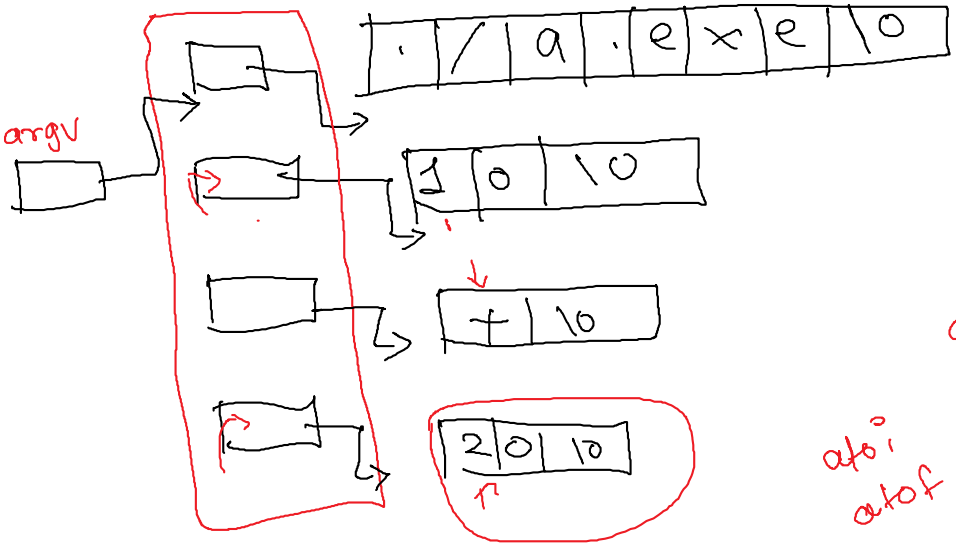


(*argv)

./s

./a.exe

```
for (i=0 ; i<argc ; i++)
    pf("%s", argv[i]);
    *(argv+i)
```



alpha to int

atoi("10") = 10 (int value)

atoi("A10") = 0

atoi — f to a

atof — g to a