## CS & IT ENGINEERING

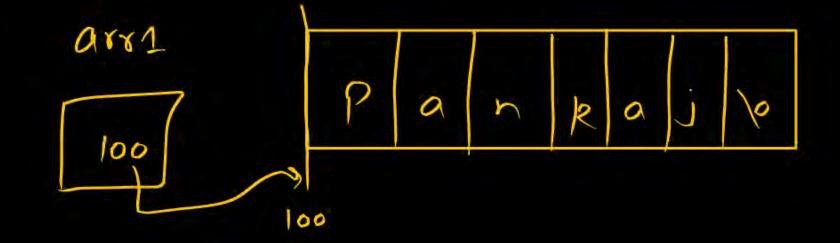


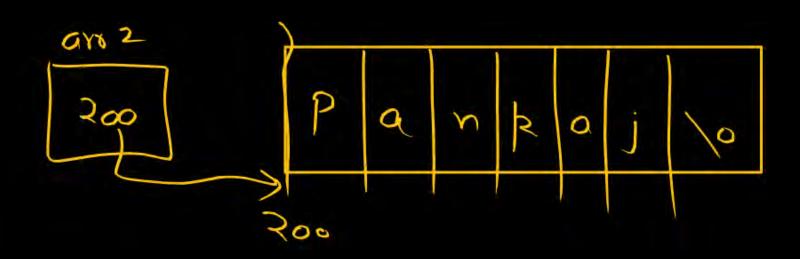
Programming in C Strings Lec- 02

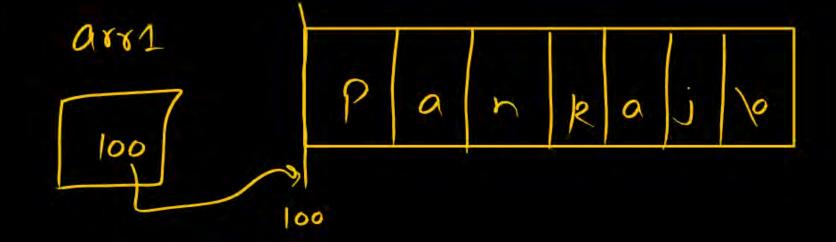


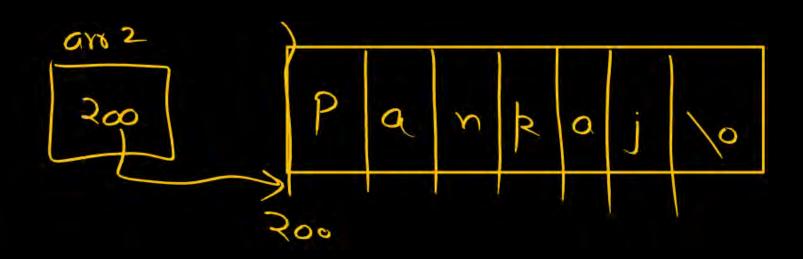
By- Pankaj Sharma sir

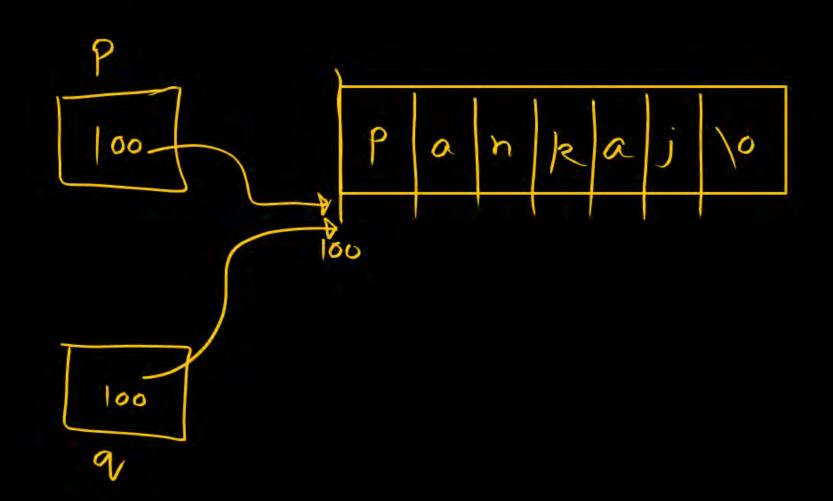






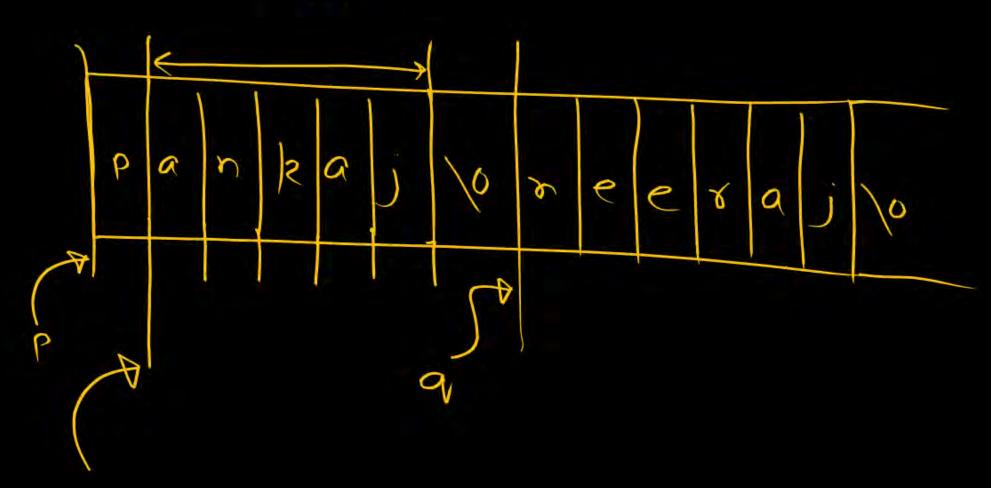






char TP = "Pankoj"

an/sa)



String Char 9 using 10 Char goray

## Multiple string

- (D) char and I[] = "Amil";
- (2) Char arr2[) = "Rahul",
- 3) Char arr3[] = "Balamukunda";

char arr [3][12]

= {
"Amit", "Rahul",

"Balamukanda"

char name [3][12] = {"Amil", "Rahul", "Balamukanda"};

Add of name [1) => 'R' in Rahu name[1)=) Iname[1)[0)

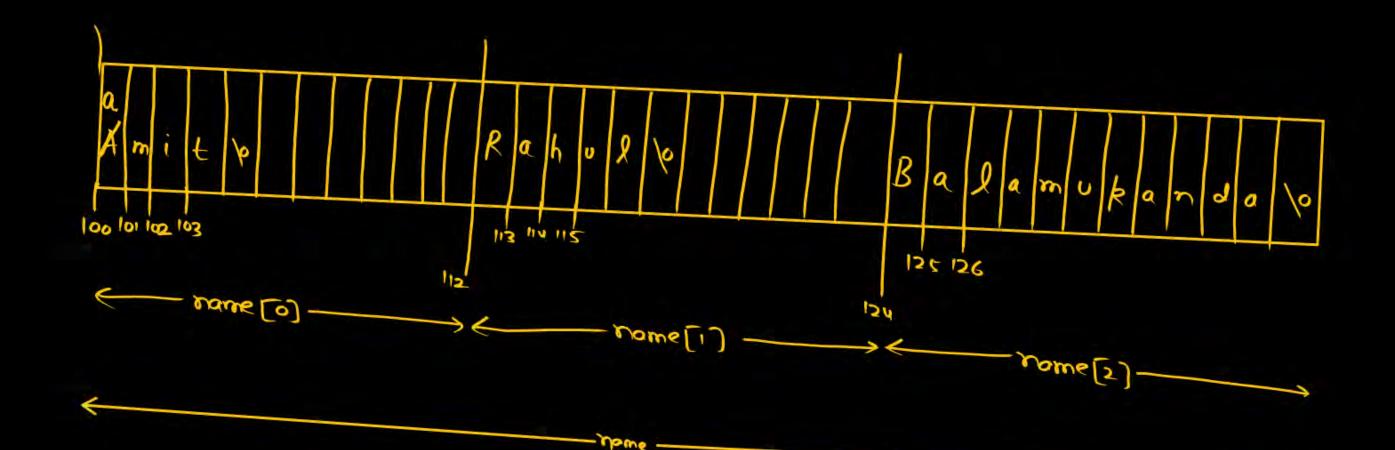
name[1]+2 add of
= 'h' in Rahul 125 126 mame[0] => & name[0][0] => Add of 'A' in Amit

9 (name[1)+2) =) 'h' in Rahul

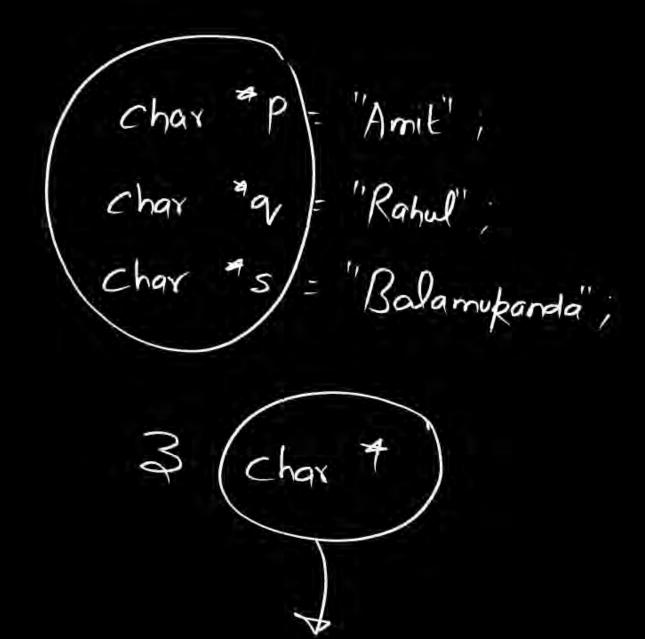
Dame [1][5) => (P)

>f("/s", nome(o)); Amit >f("/s", nome(o)+2); it

char name [3][12] = {"Amil", "Rahul", "Balamukanda"};



{ "Amil" , name (3)[12]= Char "Rahul" "Balamukonda" 5+6+12=23 byte 936 byte

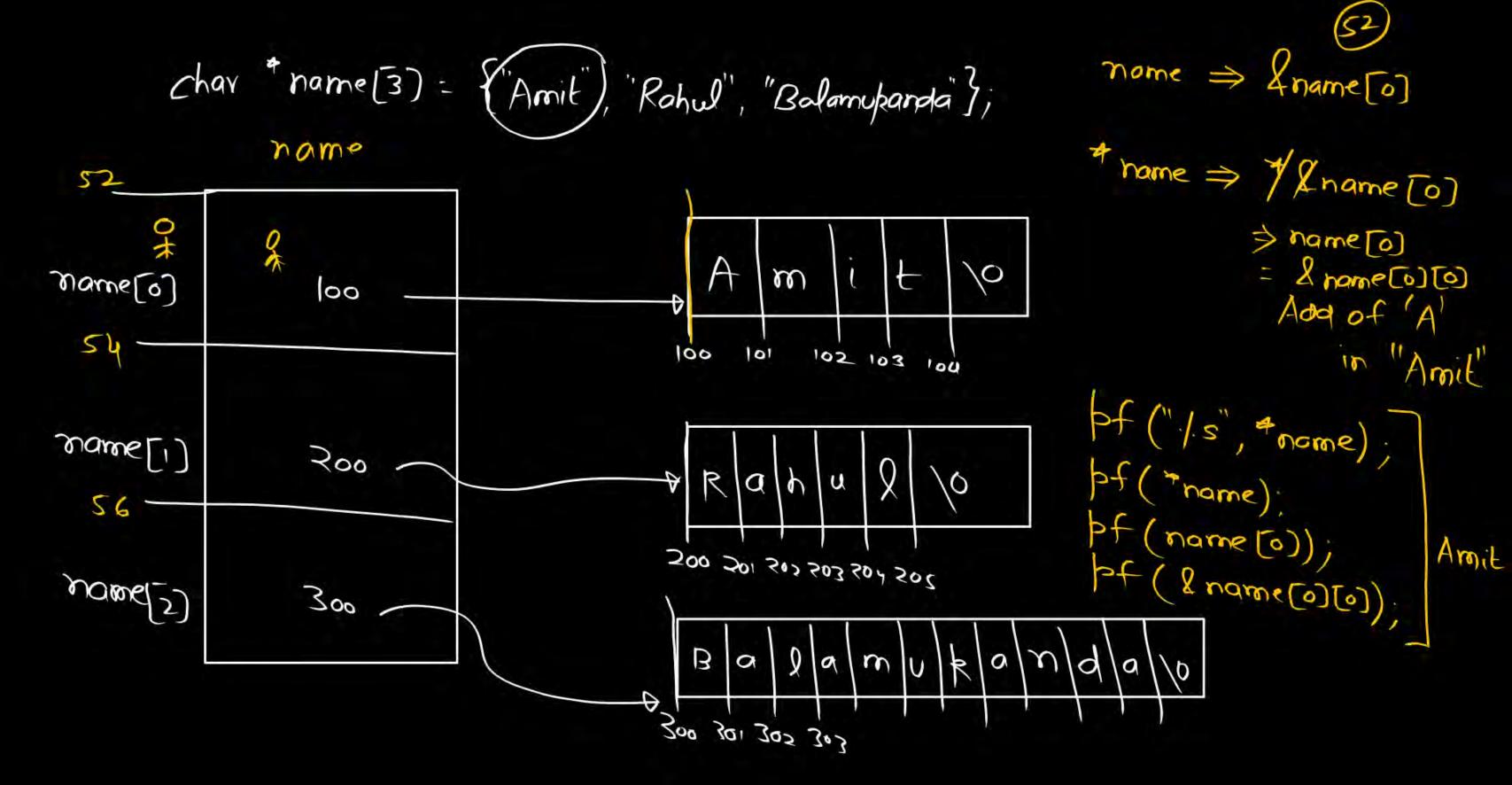


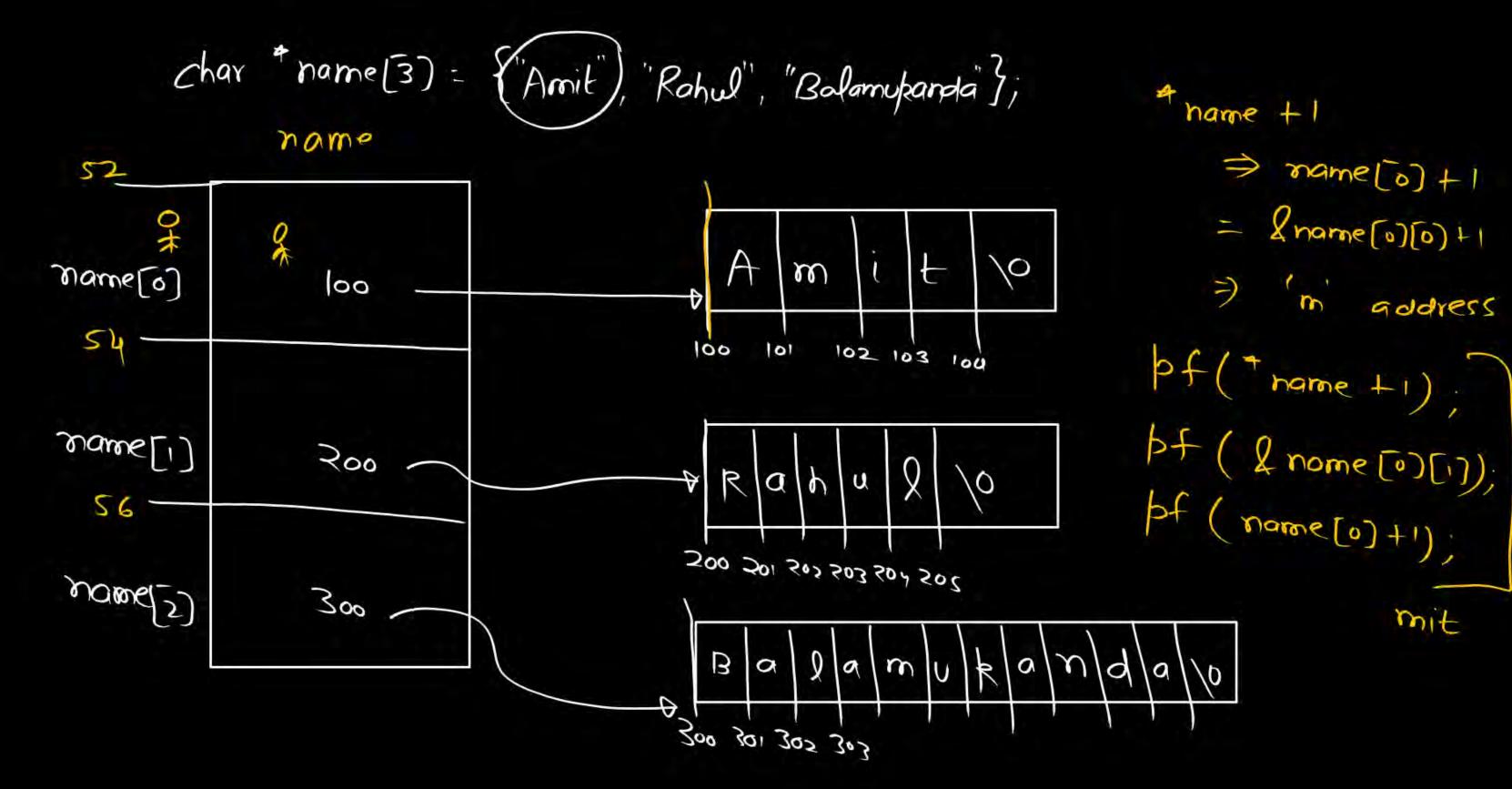
```
Char name [3]

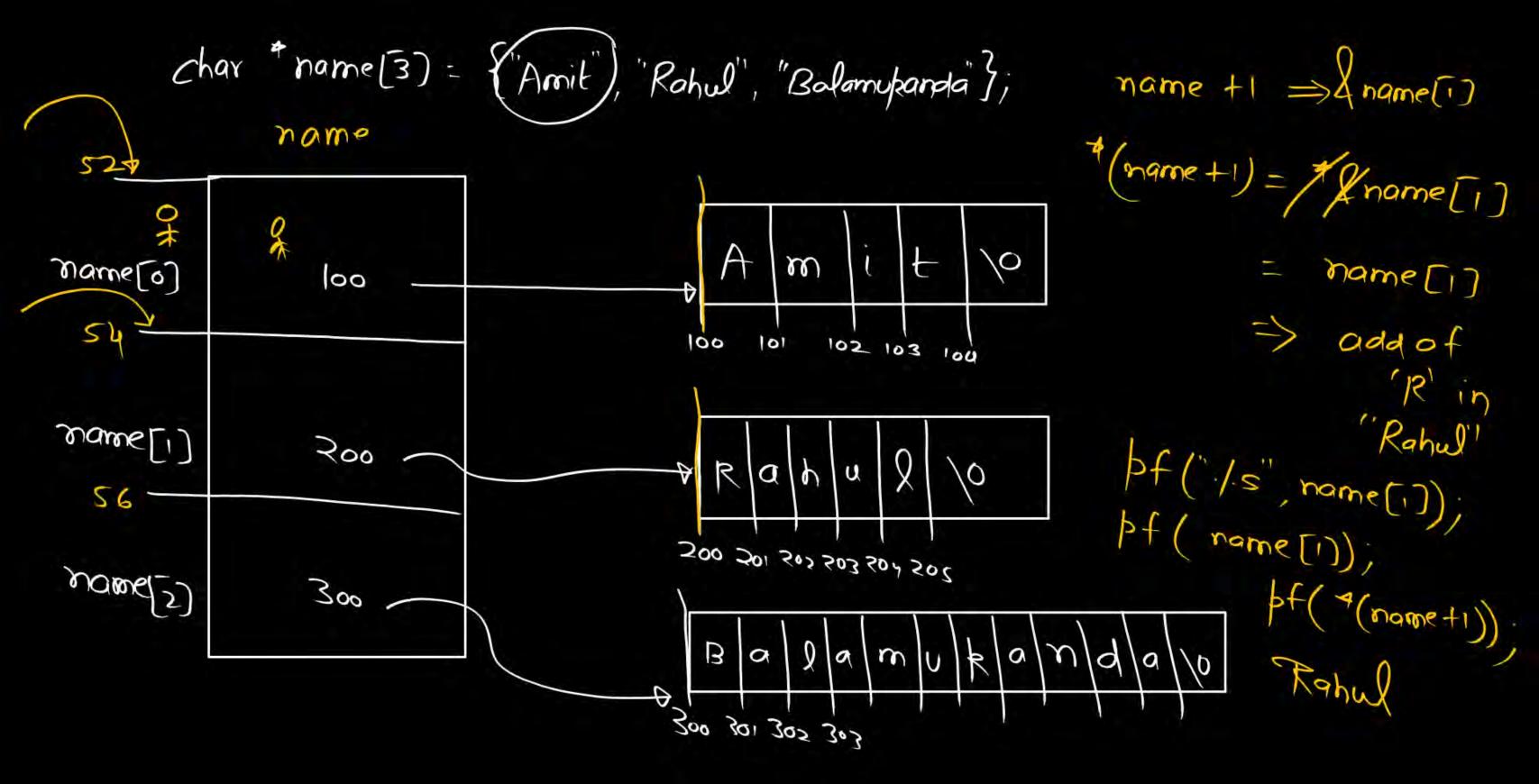
= { 'Amit'

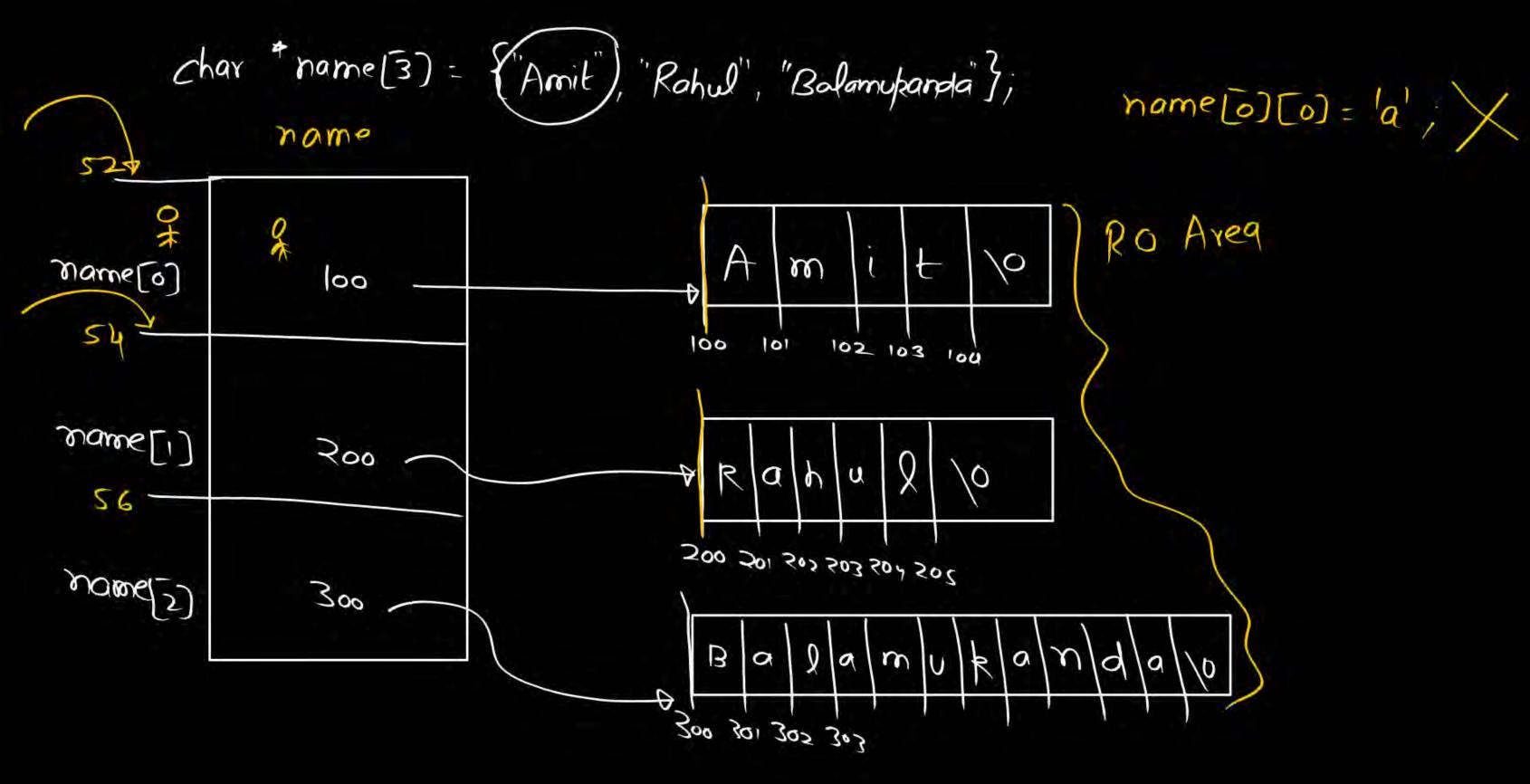
"Rahul'

"Balamukanda' }
```



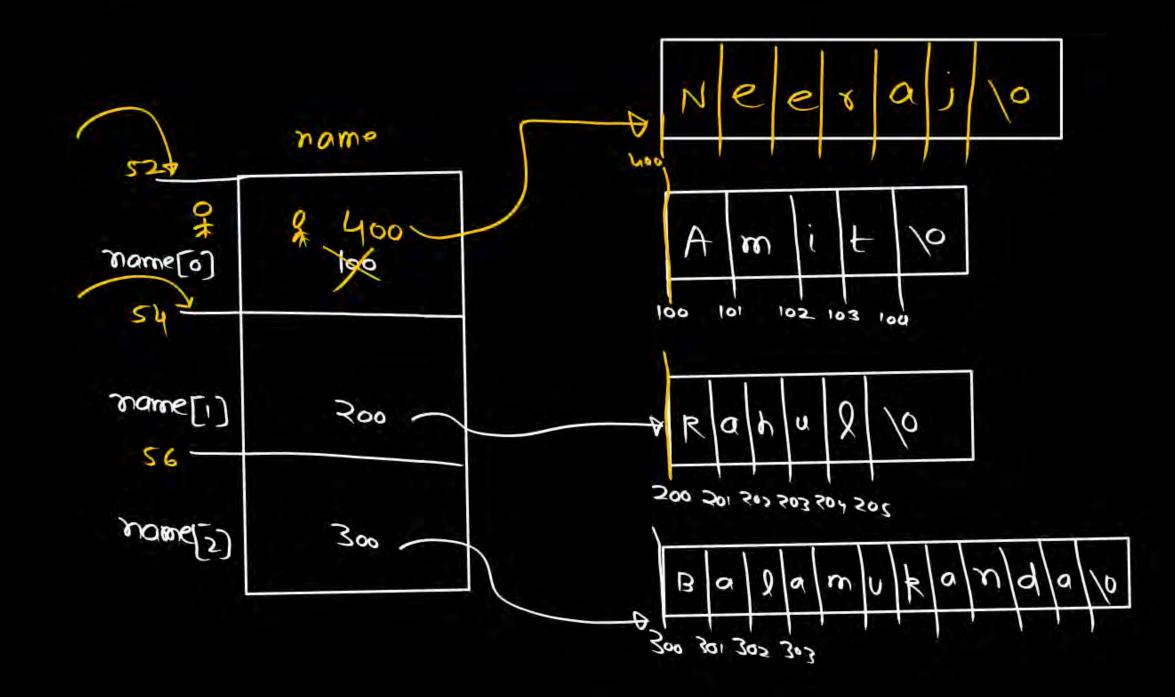






char \* name[3) = {'Amit', "Rohul', "Balamukanda"};

name(o) = "Neeraj",



In-built
In-built
functions
functions
Strings

(ii) strien

(iii) stripy

(iv) stromp

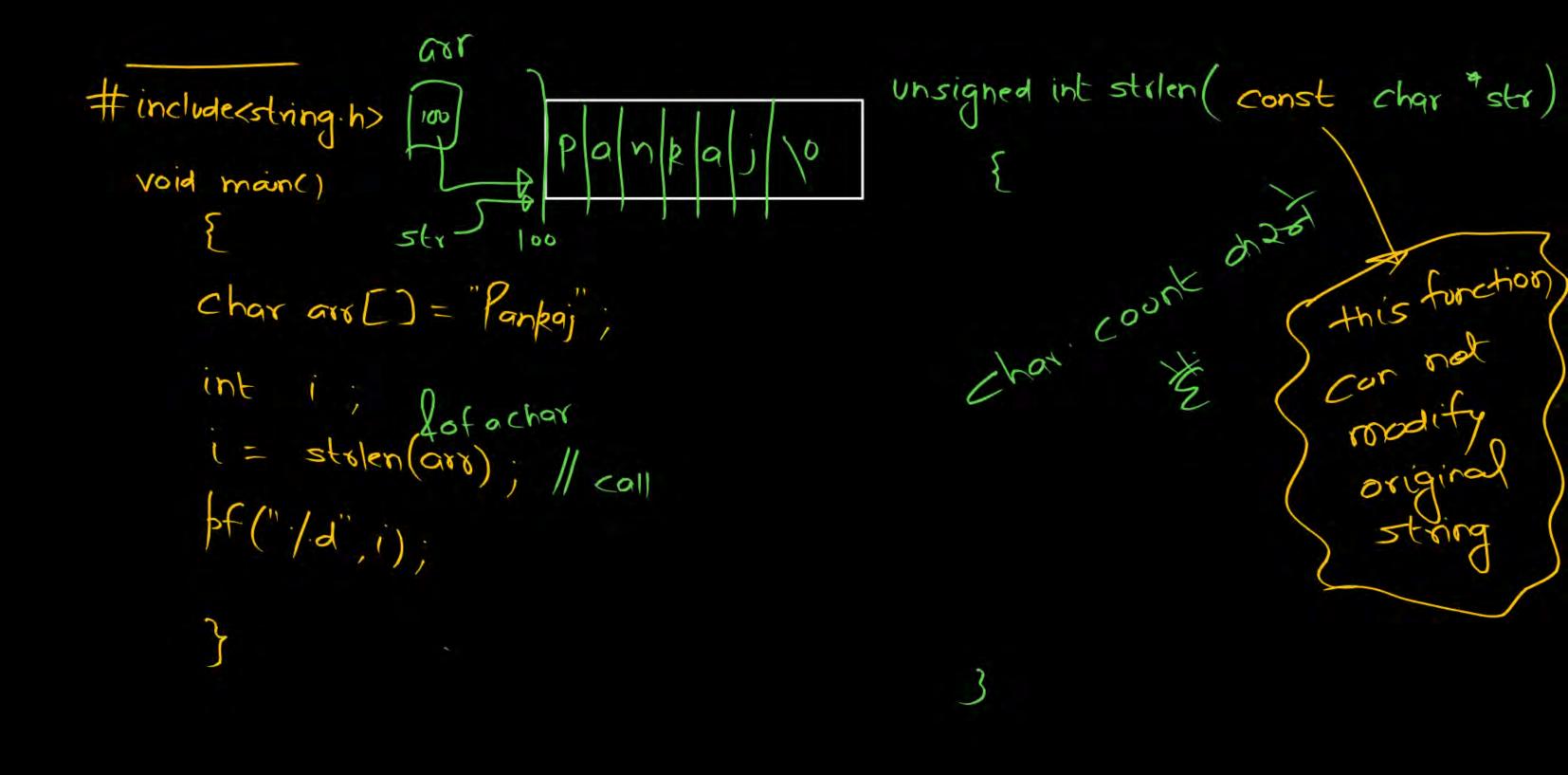
strlen

It returns the no of symbols in the string Bointed by Bointer

given to this function (1/0 is not

counted)

unsigned int strlen (char \*P); X



# includesstring.h> void main() Char ars [10] = "Pankaj"; i = stolen(arr); pf("/d",i);

char \* Pto = "Pankaj"; int i; i = strlen(Ptr); bf("/d",i); 6

Char Plr = "Pankaj"; int i; i = Strlen (Ptx +2); pf("/d",();

Char arr [10] = "Pankaj";

arr = "Neeroj"; Invalid

char arr [20];

arr = "Balamukanda";

Stocky

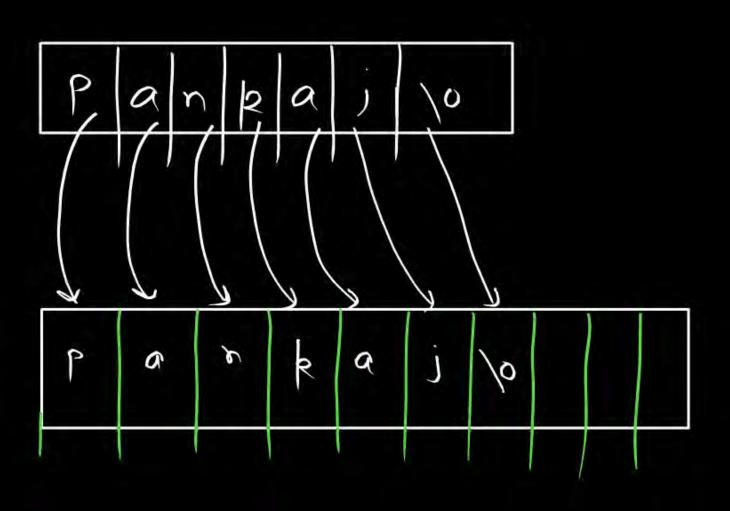
gralid

char \* stropy (char \* destination), const char \* source) It copies the string pointed by source bointer to the memory/buffer Bointed by destination Bointer. (also copy lo)

Char arr [10];

arr = "Pankaj"; Invalid

stroky (arr, "Pankaj");



char Aptr ; strapy (Ptr, "Panpaj");

3 Char gor[4); stocky(gor, "Pankaj");

avoid overflow type error
size of dest memory must
be enough to accommodate
new string

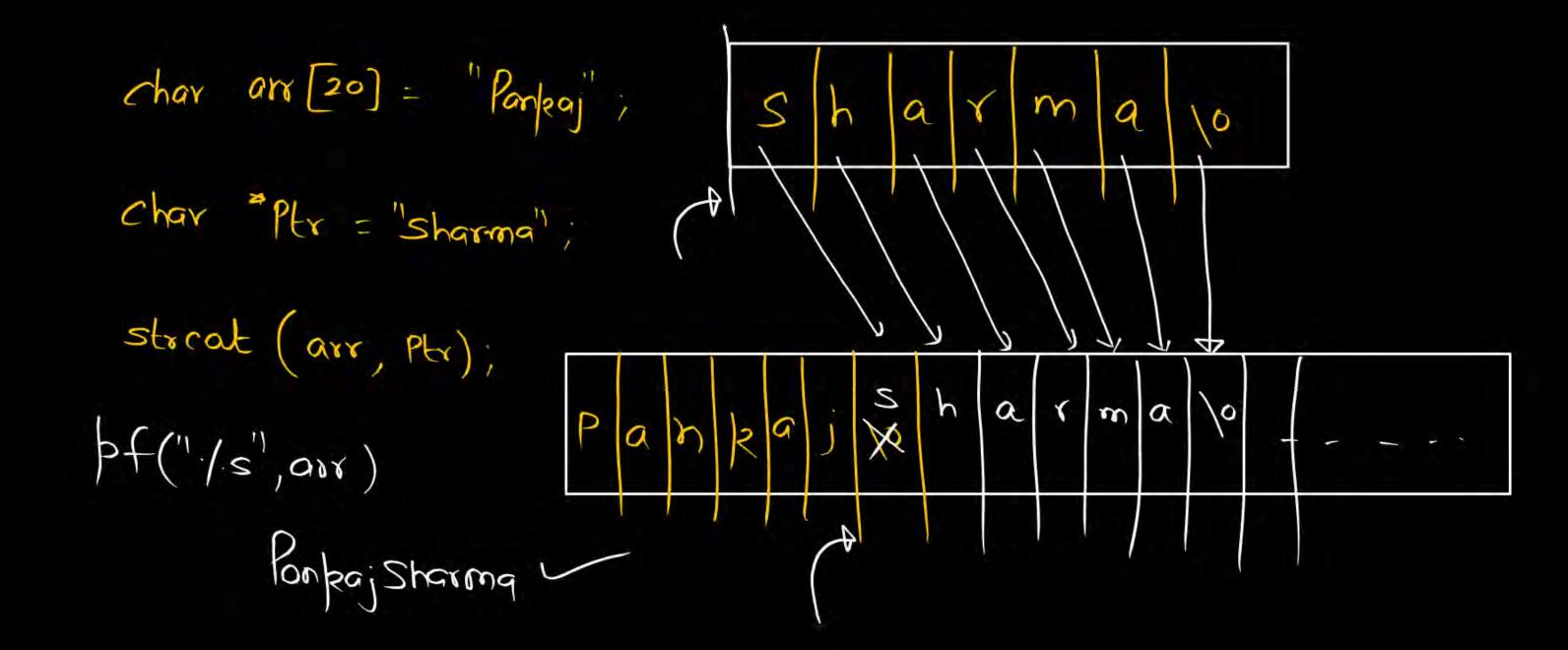
char orr[10];

char \*Plr = "Pankaj",

stropy(arr, ptr)

pf("/s", arr); => Pankaj

strrat To concatenate strings It appends one string at the end of other string. Char & streat (char & destination) const char & source) destination De an oaray It appends String fointed by Source fointer



Stormb

Compare

O9:00 PM

Structure & union



