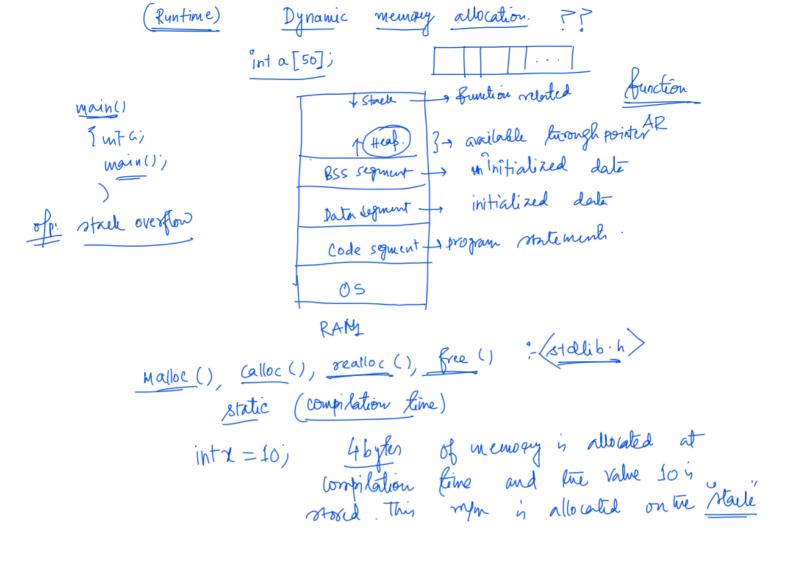
## LAB-ASSIGNMENT 4 (String)

	SUBJECT: Computer Lab. SUBJECT CODE: CS111. SEMESTER: I
2.	Write a program to print a string. Write a program to find the length of a string:  a. Using 'strlen' function  b. Without using 'strlen' function  c. Using a character pointer
4. 5.	C. Using a character pointer  Write a program to concate two strings:  d. Using (streat) function  e. Without using 'streat' function  Write a program to reverse a string.  Write a program to check whether a string is palindrome or not.  Write a program to copy source string to destination string.
	\( \) a. Using 'strcpy' function. \( \) \( \) b. Without using 'strcpy' function. \( \) Write a program to compare two strings. \( \)
0/p'-	I evol of deer skoob
0/p:-	books read & love I
(hal)	A digits given by how: - 4320  O/P: four thousand three hundres  enter a the Adigit no and  enter a the Adigit no made
	enera the forght was made





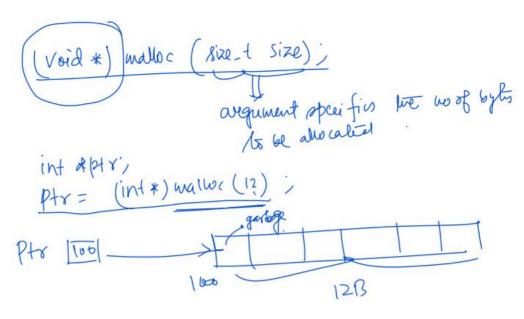
A static wife allocation in proves the performance of his program by farlin ween of his data.



(10) dyramic rope allo cation roakes the program execution slower.

Mile allocating the dynamic onfor the programmer should explicitly use functions like mallock), callock) and reallock) to allo cate onfor on herb.

Once onfor wange is completed, the programmer should free the viewony ming face () function.



A void pointer is a pointer that conte converted into any type of pointer.

String:

A' -> character

A' -> String A 107

Strlen ()

- library function

# include (stdio.h)

# include (stdio.h)

# include (string.h)

(int main ()

2 (har str[co];

printf ("entire string");

get (str);

printf ("Length of hie ohing is: /.u "strlen (IM);

return o;

```
Array vursion

wasigned int astrlen (char oct)

inti;

for (e=0; a[i] (=\o'; i++);

return i;

pointur:

unsigned int partrien (char *str)

inche (bp = \o')

p++;

return p-str;
```