C Language

Strings



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Agenda

- (1) String functions
- Function call by passing strong 3

 Handling multiple strings.

```
int i;

char str[20]="MysirG";

option 1

for (i=0; str[i]; i++)

printf("%c", str[i]);

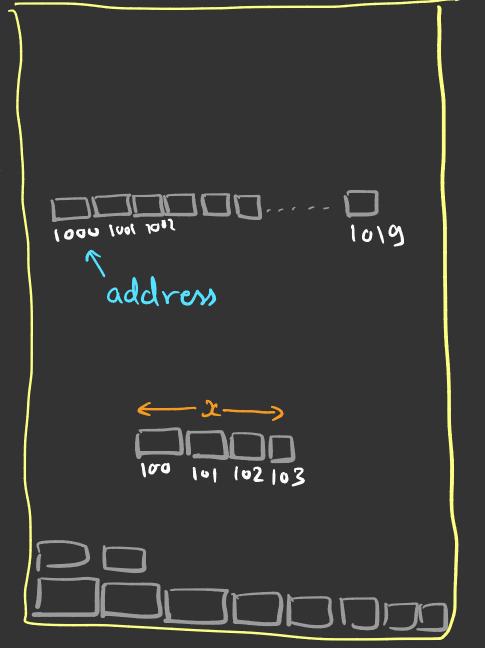
option 2
```

optim 2

printf ("%s", 5tr);

Str = & Str [0] = 1000

intxi



```
String Functions
```

```
#include < string.h>
                                char str[20]="mysirh";
                                 l= strlen(str);
  int strlen(char*);
                                      char $1[30];
 char* stropy (char*, char*),
                                      SI= "Hello").
 char* streat (char*, char*);
                                          Error
 int Stremp (char x, char );
char S1[30] = "Hello";
                                            S1= $2;
                      chay SI [30] = "Hello";
char s2[30] = "Students".
                       char sz[30] = "students";
                       strepy ( S1, S2);
strcat (SI,S2);
                       Studentslo
HUNOStudents lo
                    S2 Students 10
```

51 -> "Rahul" 52 -> "Rajesh" 0 \(\sigma \) \(\sigma \

- -1 SI comes before S2 in dictimary
 - O Same
- +1 SI comes after S2 in dictionary

Function call by passing String

fi("Bhopal");
fi(ste);

inti; Handling Multiple Strings char stv[3][10]; 01234567890123456789 for (i=0; i<=2; i++) fgets (SKCiD, 10, Stdin);

Char st [3] [10] = { "Bhopal", "Pune", "Ratlam" 3;

Char Str [10]; str [1] str [1] str [1] str [1] str [2] str [2]

char S[3][10]

S[0] S[1]

S[0][0]

S[0][0]

S[0][0]