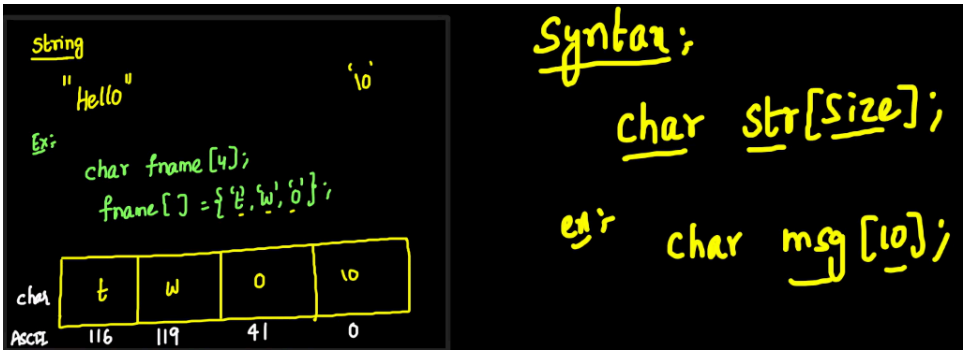
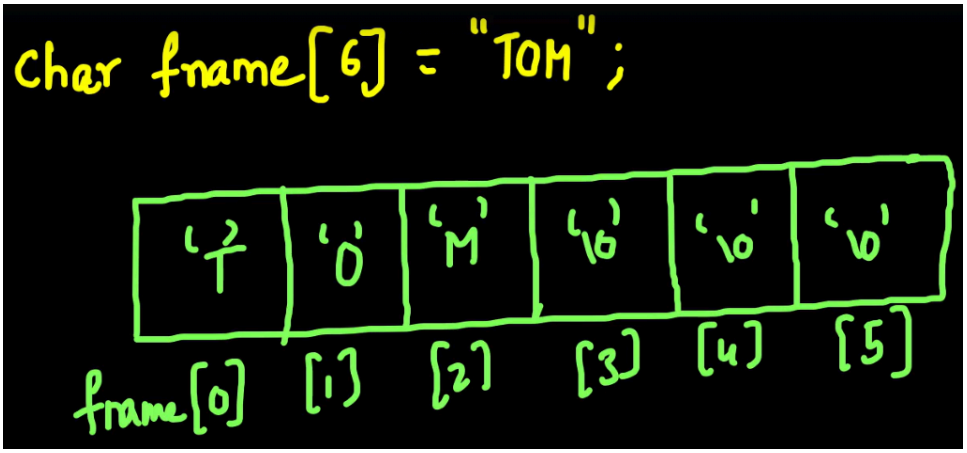
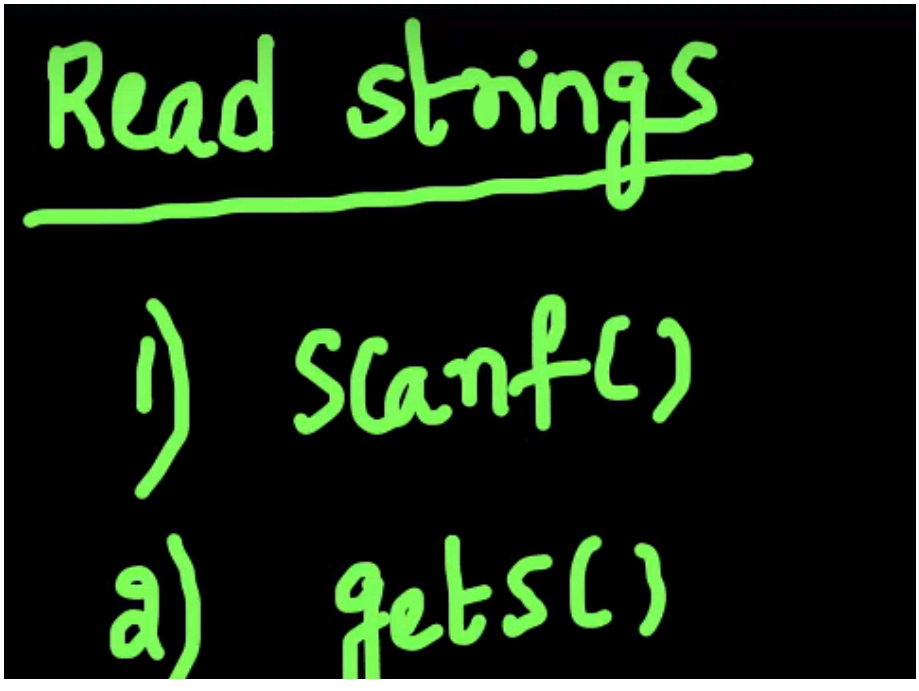
String Initialization, Accessing and Displaying

Saturday, January 03, 2026 9:08 PM







3) getchar()

Scanf()

Ex:-

```
char str[10];
Printf("Enter any string \n");
Scanf("%s", str);
```

Ip:- "Hello"

"Hello world"

gets()

Eg:-

```
char str[10];
Printf("Enter any string \n");
gets(str);
```

Hello world

getchar()

```
int i=0;
char str[10],ch;
getchar(ch);
while(ch!='\0')
{ str[i]=ch;
  itt i;
  getch(ch);
}
  str[i]='\0';
```

Display string

```
char str[10] = "Hello";
```

1) printf() ⟶ `printf("%s", str);`

2) puts() ⟶ `puts(str);`

3) putchar()

```
int i;
while(str[i]!='\0')
{ putchar(str[i]);
```

```
}
```

<string.h>

1) strlen(s)
2) strcpy(s1, s2)
3) strcmp(s1, s2)
4) strcat(s1, s2)
   ↳ s1 ← s1+s2
5) strrev(s)

strlen() - Returns string length

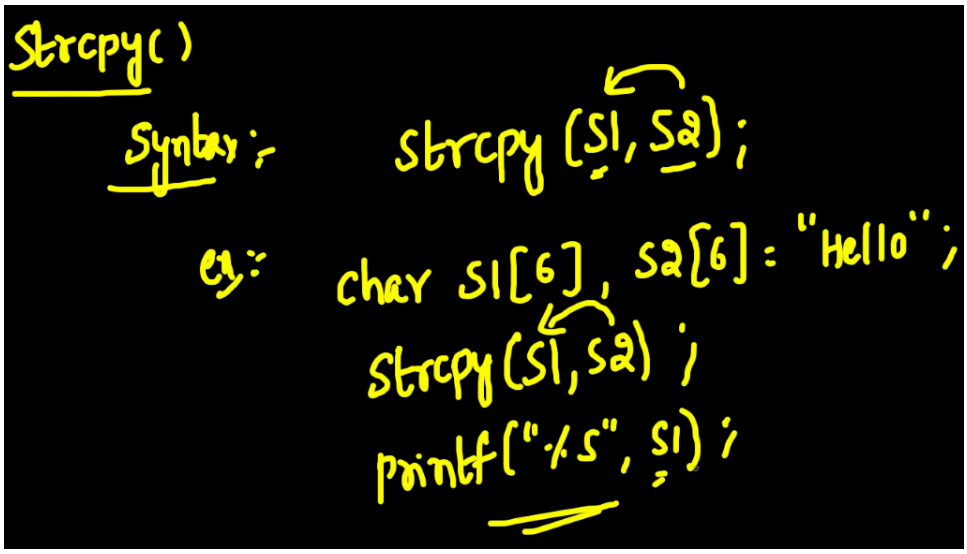
Syntax:

```
int strlen(str);
```

Ex:

```
char fname[30] = {"bob"};
int length = strlen(fname);
```

length = 3


Strcpy()
Syntax:- strcpy (S1, S2);
eg:- char S1[6], S2[6] = "Hello";
strcpy(S1, S2);
printf("%s", S1);