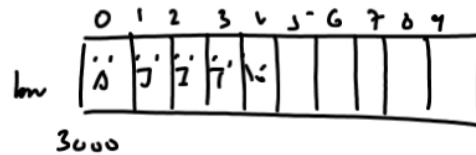
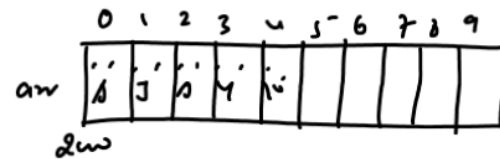


4. strcmp(): STRING COMPARISON:

Compares 2 strings and returns 1, 0 or -1.

```
int main()
{
    char arr[10], brr[10];
    printf("Enter 2 strings:");
    scanf("%s %s", arr, brr);
    if (arr == brr) X
        printf("Strings are eq.");
    else
        printf("Strings are not eq.");
    return 0;
}
```



Not correct way of comparing strings

Syntax : strcmp (str1, str2);

① int x;

x = strcmp ("ajay", "ajir");

↓

①

'a' - 'j'

↓

65 - 73 = -8

② int x;

x = strcmp("ajay", "ASAY");

①

③ int x;

x = strcmp("RSM", "RSMs");

①
-1

④ int x;

x = strcmp("JUNE", "July");

①

⑤ int x;

x = strcmp("ASAY", "ASAY");

①
0

```

#include <stdio.h>
#include <string.h>
int main()
{
    char arr[10], brr[10];
    int x;
    printf("Enter first string:");
    gets(arr);
    printf("Enter sec string:");
    gets(brr);
    x=strcmp(arr,brr);
    if(x==0)
        printf("Strings are equal");
    else
        printf("Strings are not equal");
    return 0;
}

```

```

#include <stdio.h>
#include <string.h>
int main()
{
    char arr[10], brr[10];

    printf("Enter first string:");
    gets(arr);
    printf("Enter sec string:");
    gets(brr);

    if(strcmp(arr,brr)==0)
        printf("Strings are equal");
    else
        printf("Strings are not equal");
    return 0;
}

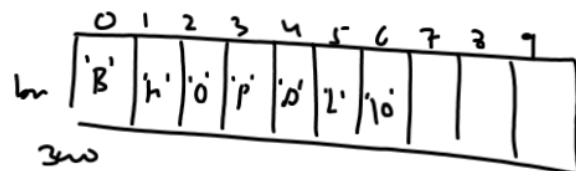
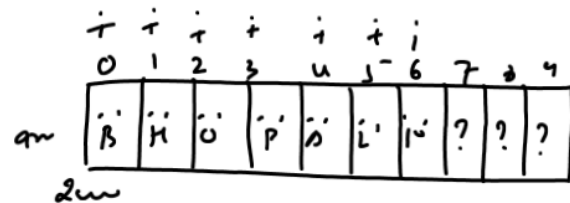
```

WAP to accept a string from the user and store it in a character array. Now copy its contents into another character array. Do not use any string function

```

int main()
{
    char arr[10], brr[10];
    int i;
    printf("Enter a str:");
    gets(arr);
    for(i=0; arr[i]!='\0'; i++)
    {
        brr[i]=arr[i];
    }
    brr[i]='\0';
    printf("%s", brr);
    return 0;
}

```



ASSIGNMENT

=====

Qn1. WAP to accept a String from the user , store it in a character array and check whether it is a PALINDROME string or not:

- a. Using string function
- b. Using only one array and no string function

Qn2. WAP to accept a multi word string from the user and print it in such a way that the first letter of every word gets printed followed by a . and the last word is printed fully.

SAMPLE OUTPUT

=====

Enter a string: Ram Kumar

R.Kumar

SAMPLE OUTPUT

=====

Enter a string: Ram Kumar Sharma

R.K.Sharma

SAMPLE OUTPUT

=====

Enter a string: Ram Kumar Sharma Bhopali

R.K.S.Bhopali