```c
//  stings

#include <stdio.h>
int main()
{
    char name1[]={'A','J','A','Y', '\0'};
    char name2[]="vijay";

    char name3[20];

    scanf("%s", name3);

    printf("\n Name1 = %s", name1);
    printf("\n Name2 = %s", name2);
    printf("\n Name3 = %s", name3);



}
```

```c
//  stings

#include <stdio.h>
int main()
{
    char name1[]={'A','J','A','Y', '\0'};
    char name2[]="vijay";

    char name3[20];

    //scanf("%s", name3);
    gets(name3);

    printf("\n Name1 = %s", name1);
    printf("\n Name2 = %s", name2);
    printf("\n Name3 = %s", name3);



}
```

```c
//  stings

#include <stdio.h>
#include <string.h>
```

```c
int main()
{
    char name1[]={'A','J','A','Y', '\0'};
    char name2[]="vijay";
    char name3[20];

    //scanf("%s", name3);
    gets(name3);

    printf("\n Size = %d and length = %d", sizeof(name1), strlen(name1));
    printf("\n Size = %d and length = %d", sizeof(name2), strlen(name2));
    printf("\n Size = %d and length = %d", sizeof(name3), strlen(name3));


    printf("\n Name1 = %s", name1);
    //puts(name1);
    printf("\n Name2 = %s", name2);
    printf("\n Name3 = %s", name3);




}----

//  stings

#include <stdio.h>
#include <string.h>
int main()
{
    char name1[]={'A','J','A','Y', '\0'};
    char name2[]="vijay";
    char name3[20];

    //scanf("%s", name3);
    gets(name3);

    printf("\n Size = %d and length = %d", sizeof(name1), strlen(name1));
    printf("\n Size = %d and length = %d", sizeof(name2), strlen(name2));
    printf("\n Size = %d and length = %d", sizeof(name3), strlen(name3));


    printf("\n Name1 = %s", name1);
    //puts(name1);
    printf("\n Name2 = %s\n", name2);

    for(int i=0; name3[i]!='\0'; i++)
    {
        printf("%c", name3[i]);
    }
```

```
}
```

// stings

```c
#include <stdio.h>
#include <string.h>
int main()
{
    char fname[]="vijay";
    char lname[20];

    strcpy(lname,fname);

    puts(lname);

}
```

// stings

```c
#include <stdio.h>
#include <string.h>
int main()
{
    char fname[]="vijay";
    char lname[20];
    int n=3;

    strncpy(lname,fname, n);
    lname[n]='\0';

    puts(lname);

}
```

// stings

```c
#include <stdio.h>
#include <string.h>
int main()
{
    char fname[]="vijay";
    char mname[]= " Kumar";
```

```c
    char lname[]= " Reddy";
    int n=3;

    strcat(fname, mname);
    strcat(fname, lname);

    puts(fname);

}
```

```c
//  stings

#include <stdio.h>
#include <string.h>
int main()
{
    char fname[]="vijay";
    char mname[]= " Kumar";
    char lname[]= " Reddy";

    strncat(fname, mname,2);
    strncat(fname, lname,2);

    puts(fname);
    printf("\n %d",n);

}
```

```c
//  strcmp

#include <stdio.h>
#include <string.h>
int main()
{
    char s1[]= "awelcome";
    char s2[]= "Awelcome";
    int n;

    n= strcmp(s1,s2);
    printf("\n n= %d",n);

    if(n==0)
        printf("\n Strings are same");
    else
        printf("\n Strings are different");
```

```
}

//  strncmp

#include <stdio.h>
#include <string.h>
int main()
{
     char s1[]= "weldone";
     char s2[]= "welcome";
     int n;

     n= strncmp(s1,s2,3);
     printf("\n n= %d",n);

     if(n==0)
          printf("\n Strings are same");
     else
          printf("\n Strings are different");

}
//  stricmp

#include <stdio.h>
#include <string.h>
int main()
{
     char s1[]= "WELCOME";
     char s2[]= "welcome";
     int n;

     n= stricmp(s1,s2);
     printf("\n n= %d",n);

     if(n==0)
          printf("\n Strings are same");
     else
          printf("\n Strings are different");

}

//  strnicmp

#include <stdio.h>
#include <string.h>
int main()
{
     char s1[]= "WELCOME";
     char s2[]= "welcome";
```

```c
    int n;

    n= strnicmp(s1,s2,3);
    printf("\n n= %d",n);

    if(n==0)
        printf("\n Strings are same");
    else
        printf("\n Strings are different");

}

//  strlwr, strcmp

#include <stdio.h>
#include <string.h>
int main()
{
    char s1[]= "WELCOME";
    char s2[]= "welcome";
    int n;

    strlwr(s1);
    puts(s1);

    n= strcmp(s1,s2);
    printf("\n n= %d",n);

    if(n==0)
        printf("\n Strings are same");
    else
        printf("\n Strings are different");

}

//  strupr, strcmp

#include <stdio.h>
#include <string.h>
int main()
{
    char s1[]= "WELCOME";
    char s2[]= "welcome";
    int n;

    strupr(s2);
    puts(s2);

    n= strcmp(s1,s2);
```

```c
        printf("\n n= %d",n);

        if(n==0)
                printf("\n Strings are same");
        else
                printf("\n Strings are different");

}
```

```c
//  strrev, strcmp

#include <stdio.h>
#include <string.h>
int main()
{
        char s1[]= "madam";
        char s2[20];
        int n;

        strcpy(s2,s1);

        strrev(s1);
        puts(s1);

        n= strcmp(s1,s2);
        printf("\n n= %d",n);

        if(n==0)
                printf("\n Strings is Palindrome");
        else
                printf("\n Strings is not palindrome");

}
```