

```
#include <stdio.h>
void main()
{
    char s1[100], s2[100];
    int i, length = 0;
    printf("\nEnter the string:");
    gets(s1);
    i = 0;
    while (s1[i] != '\0')
    {
        s2[i] = s1[i];
        i++;
    }
    for (i = 0; s2[i] != '\0'; i++)
    {
        length++;
    }
    s2[i] = '\0';
    printf("\n Copied string is %s", s2);
    printf("\nThe length of %s = %d", s2, length);
    return 0;
}
```



```
#include <conio.h>
#include <string.h>
int main()
```

```
{
```

```
char str[100], RevStr[100];
```

```
int i, j, len, c=0;
```

```
printf("Enter a string to be reversed: ");
```

```
gets(str);
```

```
j=0;
```

```
len = strlen(str);
```

```
for (i = len - 1; i >= 0; i--)
```

```
{
    RevStr[j++] = str[i];
```

```
}
```

```
RevStr[j] = '\0';
```

```
printf("String after reversing = %s\n", RevStr);
```

```
for (i = 0; i < len / 2; i++)
```

```
{
```

```
if (str[i] == str[len - i - 1])
```

```
c++;
```

```
}
```

```
if (c == i)
```

```
printf("String is palindrome\n");
```

```
else
```

```
printf("String is not palindrome\n");
```

```
return 0;
```

```
}
```



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

void main()
{
    char str1[100], str2[100], str3[100];
    int i=0, j=0, length;
    printf("Enter the first word\n");
    gets(str1);
    printf("Enter the second word\n");
    gets(str2);
    while(str1[i] != '\0')
    {
        str3[j] = str1[i];
        i++;
        j++;
    }
    i=0;
    while(str2[i] != '\0')
    {
        str3[j] = str2[i];
        i++;
        j++;
    }
    for(i=0; str3[i] != '\0'; i++)
    {
        length++;
    }
    str3[j] = '\0';
    printf("Combination of two words is\n");
    puts(str3);
    printf("The length of r.s = %d\n", str3, length);
    getch();
}
```