

Solution Code



```
/* C Program to Compare Two Strings without using strcmp function */
```

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

```
int main(){
```

```
    char str1[20], str2[20];
```

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

```
    printf("\nEnter first string :: ");
```

```
    gets(str1);
```

```
    printf("\nEnter second string :: ");
```

```
    gets(str2);
```

```
    printf("\nStrings are :: \n\n");
```

```
    puts(str1);
```

```
    puts(str2);
```

```
    while((str1[i]!='\0') || (str2[i]!='\0')) {
```

```
        if(str1[i]!=str2[i])
```

```
            c++;
```

```
            i++;
```

```
    }
```

```
    if(c==0)
```

```
        puts("\nStrings are equal.\n");
```

```
    else
```

```
        puts("\nStrings are not equal.\n");
```

```
    return 0;
```

```
}
```