

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

```
int main()
```

```
{
```

```
    char str1[100], str2[100], rslt[200];
```

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

```
    gets(str1);
```

```
    printf("Enter the first string: ");
```

```
    gets(str1);
```

```
    printf("Enter the second string: ");
```

```
    gets(str2);
```

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

```
    {
```

```
        rslt[j] = str1[i];
```

```
        i++; j++;
```

```
    }
```

```
    i=0;
```

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

```
    {
```

```
        rslt[j] = str2[i];
```

```
        i++; j++;
```

```
    }
```

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

```
    printf("The concatenate string is \n");
```

```
    puts(rslt);
```

```
    printf("The lengths of resultant string is %d", j);
```

```
    return 0;
```

```
}
```