

02

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

```
main()
```

```
{
    int i, j, len, r, numstr[100], numkey[100],
    numcipher[100];
```

```
    char str[100], key[100], cipher[100];
```

```
    printf("Enter a string dont do encrypt\n");
```

```
    gets(str);
```

```
    for (i = 0; i < strlen(str); i++)
```

```
    {
        if (str[i] != '0')
```

```
        {
            str[j] = toupper(str[i]);
```

```
            j++;
```

```
        }
    }
```

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

```
    for (i = 0; i < strlen(str); i++)
```

```
    {
        numstr[i] = str[i] - 'A';
```

```
    }
    printf("Enter key string of random dont\n");
```

```

gets (key);
for (i=0; i<strlen (key); i++)
{
    if (key[i] != ' ')
    {
        key[i] = number (key[i]);
        i++;
    }
}

```

```

key[i] = '\0';
for (i=0; i<strlen (key); i++)
{
    numkey[i] = key[i] - 'A';
}

for (i=0; i<strlen (str); i++)
{
    numcipher[i] = numstr[i] + numkey[i];
}

if (numcipher[i] > 25)
{
    numcipher[i] = numcipher[i] - 26;
}

printf ("one time pad cipher dent is \n");
for (i=0; i<strlen (str); i++)
{
    printf ("%c", (numcipher[i] + 'A'));
}

printf ("\n");
}

```