

```
#include <iostream>
```

```
using namespace std;
```

```
void LTRIM(char *c);
```

```
int main()
```

```
{
```

```
    char Frase[100];
```

```
    char *CF = Frase;
```

```
    cout<<"Escriba una frase o palabra"<<endl;
```

```
    cout<<"--> ";
```

```
    cin.getline(Frase,100);
```

```
    LTRIM(CF);
```

```
    cout<<"\nLa frase sin espacios iniciales es: "<<Frase<<endl;
```

```
    return 0;
```

```
}
```

```
void LTRIM(char *c)
```

```
{
```

```
    int m, n;
```

```
    int EspaciosEnBlancoInciales = 0;
```

```
    int TotalCaracteres = 0;
```

```
    n = 0;
```

```
    while(*(c+n) != '\0'){
```

```
        TotalCaracteres++;
```

```
        n++;
```

```
    }
```

```
while((*c)==' '){
    EspaciosEnBlancoInciales++;
    m = 1;
    n = 0;
    while(*(c+m) != '\0'){
        *(c+n) = *(c+m);
        n++;
        m++;
    }
}
TotalCaracteres = TotalCaracteres - EspaciosEnBlancoInciales;
if(EspaciosEnBlancoInciales >0){
    *(c+TotalCaracteres) = '\0';
}
}
```