





```
5
6 int main() {
7     int i = 0, vcount = 0, ccount=0, num=0, space=0;
8     char s[1000];
9     char snum[11]="0123456789";
10    char spce[2]=" ";
11
12    printf("Enter a string\n");
13    gets(s);
14
15    while (s[i] != '\0') {
16        if (s[i] == 'a' || s[i] == 'A' || s[i] == 'e' || s[i] == 'E' || s[i] == 'i' || s[i] == 'I' || s[i] == 'o' || s[i] == 'O' || s[i] == 'u' || s[i] == 'U')
17            vcount++;
18        else if(s[i] >= 'a' && s[i] <= 'z'){
19            ccount++;
20        }
21        else if(s[i] == ' '){
22            space++;
23        }
24        if(s[i] >= '0' && s[i] <= '9'){
25            num++;
26        }
27        i++;
28    }
```

es  Compile Log  Debug  Find Results  Close

Compilation results...

```

13 gets(s);
14
15 while (s[i] != '\0') {
16     if (s[i] == 'a' || s[i] == 'A' || s[i] == 'e' || s[i] == 'E' || s[i] == 'i' || s[i] == 'I' || s[i] == 'o' || s[i] == 'O' || s[i] == 'u' || s[i]
17         vcount++;
18     else if(s[i] >= 'a' && s[i] <= 'z'){
19         ccount++;
20     }
21     else if(s[i] == ' '){
22         space++;
23     }
24     if(s[i] >= '0' && s[i] <= '9'){
25         num++;
26     }
27     i++;
28 }
29 printf("Number of vowels in the string: %d\n", vcount);
30 printf("Number of consonents in the string:%d\n",ccount);
31 printf("Number of digit in the string:%d\n",num);
32 printf("Number of space in the digit:%d",spce);
33
34 return 0;
35 }

```

Compile Log
 Debug
 Find Results
 Close

Compilation results...

- Errors: 0

```

7 //Write C program to sort strings in dictionary order//
8 int main(int argc, char*argv[]) {
9     char str[10][100], temp[100];
10    printf("Enter 10 words:");
11    int i, j;
12    for(i=0; i<10; ++i){
13        fgets(str[i], sizeof(str[i]), stdin);
14    }
15    for(i=0; i<10; ++i){
16        for(j=i+1; j<10; ++j){
17            if(strcmp(str[i], str[j])>0) {
18                strcpy(temp, str[i]);
19                strcpy(str[i], str[j]);
20                strcpy(str[j], temp);
21            }
22        }
23    }
24
25    printf("\n\n In the lexicographical order:\n");
26    for(i=0; i<10; ++i){
27        fputs(str[i], stdout);
28    }
29    return 0;
30 }

```

```

7 //Write C program to sort strings in dictionary order
8 int main(int argc, char*argv[]) {
9     char str[10][100], temp[100];
10    printf("Enter 10 words:");
11    int i, j;
12    for(i=0; i<10; ++i){
13        fgets(str[i], sizeof(str[i]), stdin);
14    }
15    for(i=0; i<10; ++i){
16        for(j=i+1; j<10; ++j){
17            if(strcmp(str[i], str[j])>0) {
18                strcpy(temp, str[i]);
19                strcpy(str[i], str[j]);
20                strcpy(str[j], temp);
21            }
22        }
23    }
24
25    printf("\n\n In the lexicographical order:\n");
26    for(i=0; i<10; ++i){
27        fputs(str[i], stdout);
28    }
29    return 0;
30 }

```

Seq C:\Users\msi\Documents\Project1.exe

```

In the lexicographical order:
c
c++
java
javascript
perl
php
php
python
r
ruby
-----
Process exited after 113.7 seconds with return value 0
Press any key to continue . . .

```

Compile Log Debug Find Results Close

Compilation results...

```

Errors: 0
Warnings: 0
Output Filename: C:\Users\msi\Documents\Project1.exe
Output Size: 120 7822255625 Kib

```