

Strings

```
string s = "abc";
```

```
char a = 'a';
```

```
char a = "Jwala";
```

```
cin >> b & a;
```

```
string s = "Jwala (Good)";
```

```
cin >> s;
```

```
cout << s << endl;
```

```
Jwala
```

```
int main () {
```

```
    string s = "Hello";
```

```
    cin >> s;
```

```
    cout << s;
```

```
}
```

```
string s1 = "Jwala";
```

```
string s2 = "coding";
```

```
append ();
```

```
Jwala coding
```

```
s1.append(s2);
```

```
int main () {
```

```
    string s1 = "Rohit";
```

```
    string s2 = "Jwala";
```

```
    cout << s1 + s2 << endl;
```

```
int main () {
    string s = "11010";
    cout << s[1];
}
```

$$\begin{pmatrix} 4 & 3 & 2 & 1 & 0 \\ 0 & 1 & 2 & 3 & 4 \end{pmatrix}$$
 ↓
in index

```
int main () {
    string s = "11110";
    cout << s.size() << endl;
}
```

```
int main () {
    string s = "world";
    for (int i = 0; i < s.size(); i++)
    {
        cout << s[i] << endl;
    }
}
```

```
int main () {
    string str;
    cin >> str;
    string str_rev;
    for (int i = str.size() - 1; i >= 0; i--)
    {
        str_rev.push_back(str[i]);
    }
    cout << str_rev;
}
```

append()

s.clear()

s.empty()

s = "Jugla";

s.find("a");

```
int main()
```

```
{ string s1 = "wolf";  
  string s = s1.substr(0, 3);
```

```
    return 0;
```

```
}
```

```
int main()
```

```
{ string s1 = "abc";  
  string s2 = "abc";  
  if (s1.compare(s2) == 0)  
    cout << s2.compare(s1) << endl;  
  return 0;
```

"8765"

```
int main()
```

```
{ string s1 = "7865";
```

```
  int x = stoi(s1);
```

```
  cout << x+2;  
  return 0;
```

```
} ==
```

```
sort(
```

```
  s.begin(), s.end());
```

```
sort(s.begin(), s.end(), greater<int>());
```

"defga"
a d e f g

"45795929"