C++ Enumeration

In this article, you will learn to work with enumeration (enum). Also, you will learn where enums are commonly used in C++ programming.

An enumeration is a user-defined data type that consists of integral constants. To define an enumeration, keyword enum is used.

```
enum season { spring, summer, autumn, winter };
```

Here, the name of the enumeration is season.

And, spring, summer and winter are values of type season.

By default, spring is 0, summer is 1 and so on. You can change the default value of an enum element during declaration (if necessary).

```
enum season

{    spring = 0,

     summer = 4,

     autumn = 8,

     winter = 12

};
```