

# Enum

→ It is a way to give name to a value.

```
enum Example
{
    A, B, C
};
```

→ In this case  $A=0$ ,  $B=1$ ,  $C=2$

```
int main()
{
    Example value = B;

    if (value == B)
    {
        // Do something here
    }

    std::cin.get();
}
```

→ It can be used in the code like this

# Value can either be A, B or C.

↳ But at the end they are integers.

```
enum Example
{
    A = 5, B, C
};
```

→ In this case  $B=6$  and  $C=7$ .

```
enum Example : unsigned char
{
    A = 5, B, C
};
```

→ You can also specify size of int in this way.

It has to be integer

```
enum Example : float
{
    A = 5, B, C
};
```