

## Convert an Integer to String in C++

Tuesday, 17 May 2011

We can use a stringstream variable for that. See next example:

```
example1#include <iostream>
```

```
#include <sstream>
```

```
using namespace std;
```

```
int main(void)
```

```
{
```

```
    stringstream sstream;
```

```
    int var=100;
```

```
    sstream << var;
```

```
    cout << sstream.str() << endl;
```

```
}
```

If we later assign other value to stringstream variable, we must first clear it. See next example:

```
example2#include <iostream>
```

```
#include <sstream>
```

```
using namespace std;
```

```
int main(void)
```

```
{
```

```
    stringstream sstream;
```

```
    int var=100, var2=200, var3=300;
```

```
    sstream << var;
```

```
    cout << sstream.str() << endl;
```

```
    sstream << var2;
```

```
    cout << sstream.str() << endl;
```

```
sstream.str(""); // this will clear sstream var  
sstream << var3;  
cout << sstream.str() << endl;  
}
```