

C++ if-else-if *pattern*

An alternate approved indentation for a common use of "chained" if statements that is appropriate when you want to choose exactly ONE of 3-or-more options; below is for 4 options:

```
if (bool_expr1)
{
    statement1;
}
else if (bool_expr2)
{
    statement2;
}
else if (bool_expr3)
{
    statement3;
}
else
{
    statement4;
}
```

if-else-if pattern semantics:

