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# Nested Conditional Statements and Boolean Operators

IST 256

Application Programming for Information Systems

# Multiple conditions with Boolean operators

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If you are VIP user, and you purchased over \$100, you get 15% discount

```
boolean VIP;  
double payment;  
//VIP and payment input  
if ( VIP && (payment > 100.0) )  
{  
    payment = payment - (payment * 0.15);  
}
```

If the condition is “if VIP user or purchased over \$100”

```
if ( VIP || (payment > 100.0) )
```

## Another Salary problem.

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Suppose that there is a

String variable PayStatus that is either “Hourly” or “Exempt”, and that we want to compute the Pay of an employee using a variable Hours that tells how many hours they worked, and the variable PayRate that tells how much per hour they make.

Salaried employees are always paid as if they worked 40 hours, no matter how many hours they actually worked.

If hourly employees work more than 40 hours in a week, then they get 1.5 times their pay rate for any hours over 40.