Using logical operator NOT conditions can be negated i.e inverted.

Using logical operand AND and OR two or more conditions can be combined into a single statement known as compound ~~statement~~ conditions.

When the conditions are combined using logical operator && If all the conditions are true then the complete condition will be true if any one of the condition is false then the complete condition will be false.

When the conditions are combined using logical operator OR || (logic OR) if any one of the condn/s is true then the complete condition will be true If all the conditions are false then the complete condn/: will be false

Syntax of compound condition.

syntax :

```
if (condn)          { if } condn 2 { if } (condn 3)
{                   { "  }          { "  }
      | True        { "  }          { "  }
      st. st1
}       "
        "
else
      st. st2
        "       } false
        .
}
```