Comparing Registers

If you compare two registers using the .IF directive, the assembler cannot determine whether the values are signed or unsigned. Therefore, the assembler will default to an unsigned comparison.

Example:

```
1059 mov eax,6
1060 mov ebx,val2
1061 .IF eax > ebx
1062 mov result,1
1063 .ENDIF
```

The assembler will generate the following code:

```
1066 mov eax,6
1067 mov ebx,val2
1068 cmp eax, ebx
1069 jbe @C0001
1070 mov result,1
1071 @C0001:
```

Conclusion: It is important to be aware of whether the values you are comparing are signed or unsigned when using the .IF directive. This will help you to ensure that the assembler generates the correct conditional jump instruction.