

Including Code in Reports

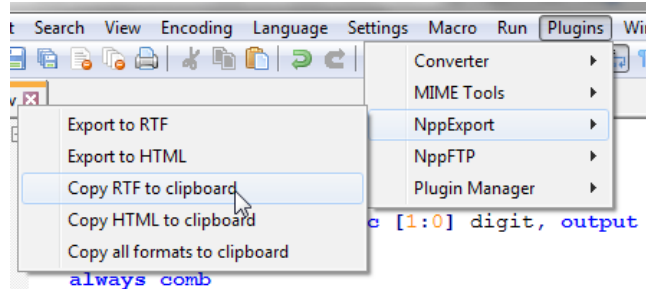
Don't simply cut-and-paste code into a word processor. Proportional fonts will change the indentation and each line becomes a paragraph. Here are some better options.

Use a Style

Apply a paragraph style such as "HTML Preformatted" or "Preformatted Text" that uses a monospaced font and single-spacing.

Copy with Formatting

Some editors such as sve and Notepad++ can copy text to the clipboard together with its formatting, including syntax highlighting. For example, with Notepad++ select the text and use the Plugins / NppExport / Copy RTF to clipboard menu item:



When you paste the text into the word processor it will retain its formatting:

```
// bcitid.sv - BCIT ID for a student
// Ed.Casas 2017-1-9

module bcitid ( input logic [1:0] digit, output logic [3:0] idnum ) ;

    always_comb
    case(digit)
        0: idnum = 4 ;
        1: idnum = 3 ;
        2: idnum = 2 ;
        3: idnum = 1 ;
    endcase

endmodule
```

Other Hints

- Put your code in a 1x1 table.
- Some editors (e.g. sve or emacs), can automatically indent your code. For example, pressing control-I in sve formats the code on the left to that on the right:

```
// bctid.sv - BCIT ID for a student
// Ed.Casas 2017-1-9

module bctid ( input logic [1:0] digit,
output logic [3:0] idnum );

always_comb
case(digit)
0: idnum <= 4 ;
1: idnum <= 3 ;
2: idnum <= 2 ;
3: idnum <= 1 ;
endcase

endmodule
```

```
bctid.sv 25
// bctid.sv - BCIT ID for a student
// Ed.Casas 2017-1-9

module bctid ( input logic [1:0] digit,
output logic [3:0] idnum );

always_comb
case(digit)
0: idnum <= 4 ;
1: idnum <= 3 ;
2: idnum <= 2 ;
3: idnum <= 1 ;
endcase

endmodule
```