Editing and Browsing code exercise solutions

Vim Exercises

1. To be done

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2. **2nd question solution:**

I have created a C file named ‘a.c’ which consists of 4 dummy functions, each function having nested if loops in it. Here variables and arguments are multi-user names.

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ignitarium@IGN-BLR-LP-215:~/editing_browsing$ cat a.c
#include<stdio.h>

int func1(int arg1, int kat) {
int var1=100,var2=200,var3=300;
if(var1 != var2) {
if(var2 != var3) {
printf("%d",&var3);
}
}
}

int func2(int arg2, int arg3) {
int var1=100,var2=200,var3=300;
if(var1 != var2) {
if(var2 != var3) {
printf("%d",&var3);
}
}
}

int func3(int arg4) {
int var1=100,var2=200,var3=300;
if(var1 != var2) {
if(var2 != var3) {
printf("%d",&var1);
}
}
}

int func4(int qwer) {
int var1=100,var2=200,var3=300;
if(var1 != var2) {
if(var2 != var3) {
printf("%d",&var2);
}
else {
printf("%d",&var1)
}
}
}

ignitarium@IGN-BLR-LP-215:~/editing_browsing$
```

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3. **3rd question solution:**

➔ Go to the end of the file: Press Esc and then Shift + G.
➔ Go to the start of the file: Press G key twice.
➔ Go to starting brace of first function:
➔ Go to the end brace:
➔ Go to the start of the line of function prototype:
➔ Go to starting parenthesis:
➔ Go to first argument:
➔ Go to last letter of first argument:

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4. **4th question solution:**

➔ To put marker at start of each function, go to the location where you want to put marker and enter mx , where x represents single character id for new marker, similarly add new markers at start of each function.
➔ To move from one marker to other, press ‘ along with character id of that marker

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5. **5th question solution:**

➔ To horizontally split try, “CTRL-spacebar h s” , then the window will split into two horizontally.
➔ In another window open a new file “b.c” and copy 1st and 3rd function from a.c into b.c. copy each block separately then save and close b.c.

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6. To be done
7. To be done
8. To be done

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9. **9th question solution:**

➔ To vertically split try, “CTRL-spacebar v s” , then the window will split into two vertically.
➔ In another window open a new file “b.c” and copy the 2nd and 4th function from a.c, then save and close b.c. close a.c

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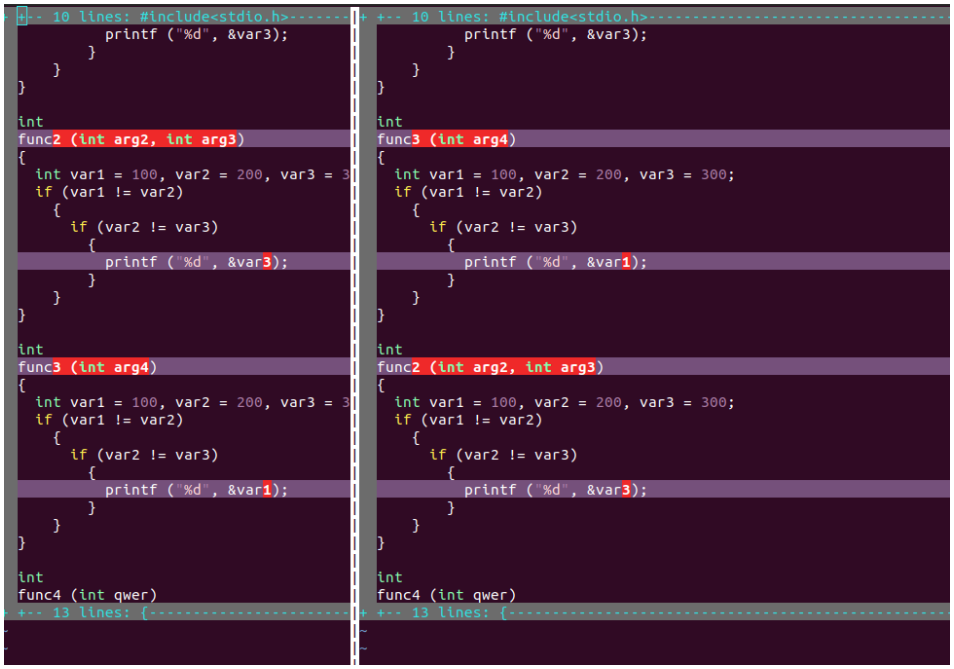
10. 10th question solution:

➔ Use vimdiff to find the difference between a.c and b.c



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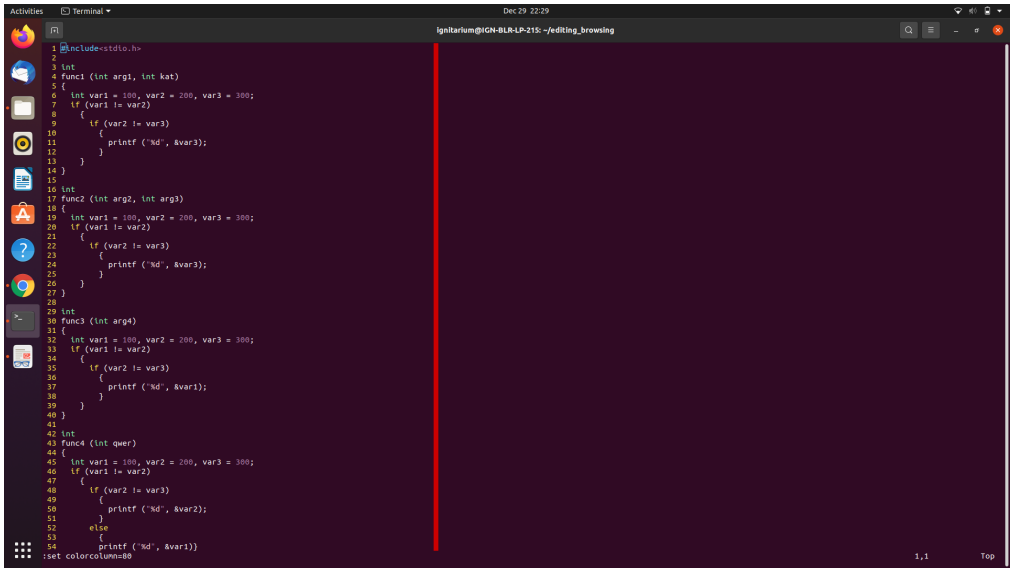
11. 11th question solution:

A. Show number lines:

➔ Press Esc key to switch to command mode, then press : and enter set number, this will set line numbers to the given file.

B. Show a vertical line at 80 column:

➔ Press Esc key to switch to command mode, then press : and enter set colorcolumn=80 , this will set line at column 80.



C. Execute a shell command and come back:

➔ Press Esc to go to command mode and press : and enter any shell command.

➔ Press Enter key to execute and come back to editor mode.

D. To be done

E. To compile current file in vim command line:

F. To enable spell check: go to command mode and type “**:set spell spelllang=en_us**”