

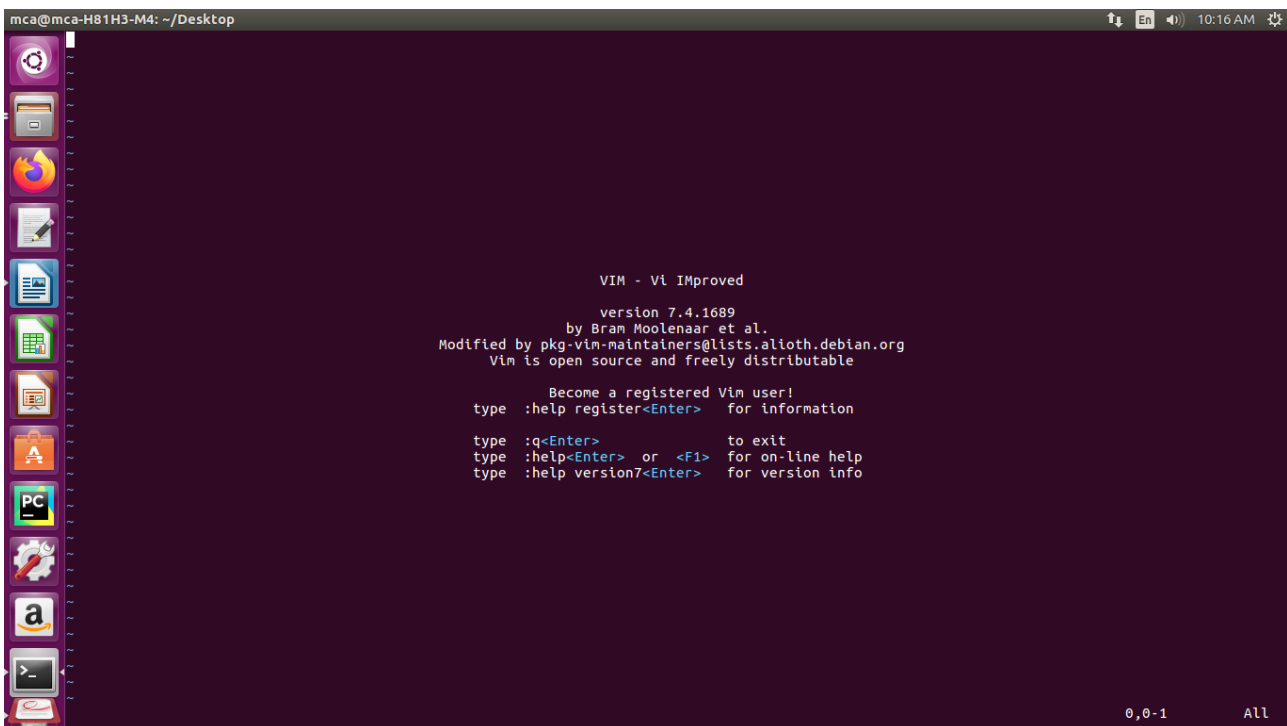
EXPERIMENT 3

DATE:20/04/2022

AIM: To study Terminal based Text Editor VIM and its operations

1.To check whether the VIM editor is installed or not

Enter vim



```
mca@mca-H81H3-M4: ~/Desktop
VIM - Vi IMproved
      version 7.4.1689
    by Bram Moolenaar et al.
Modified by pkg-vim-maintainers@lists.alioth.debian.org
Vim is open source and freely distributable

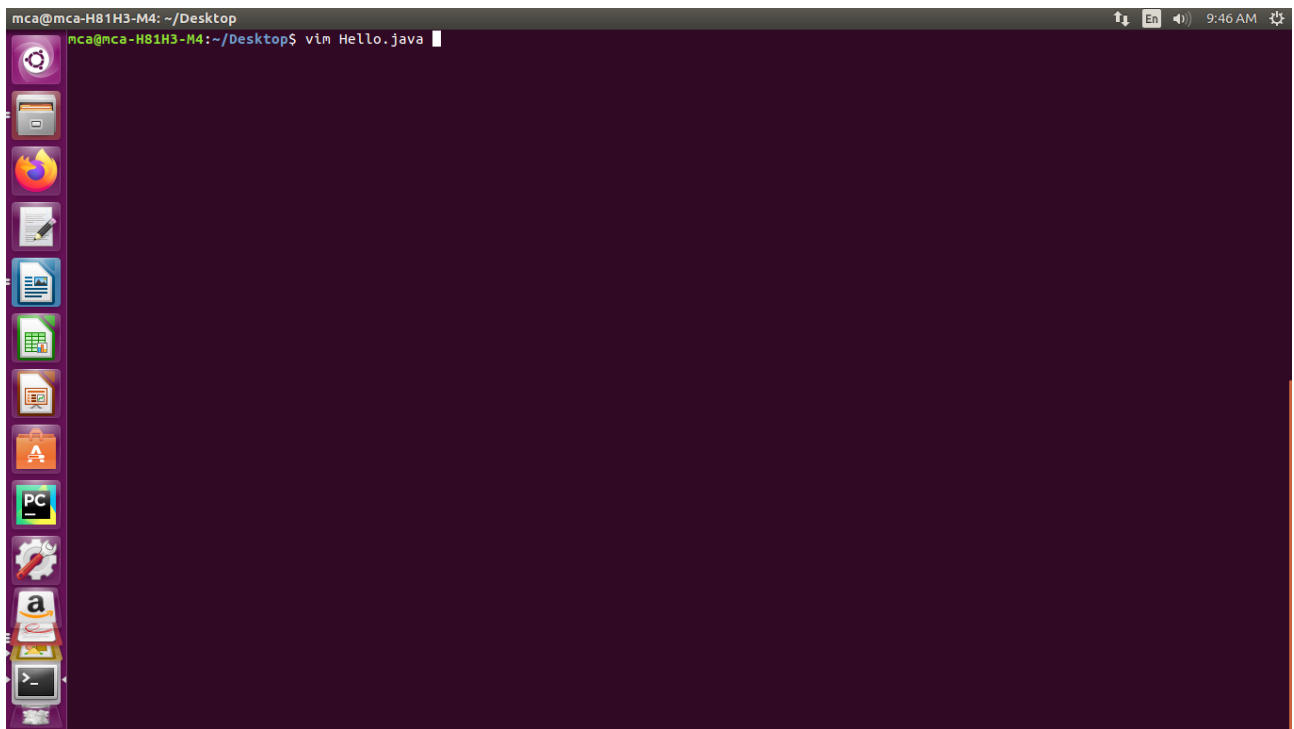
  Become a registered Vim user!
type :help register<Enter>  for information

type :q<Enter>              to exit
type :help<Enter> or <F1>   for on-line help
type :help version7<Enter> for version info

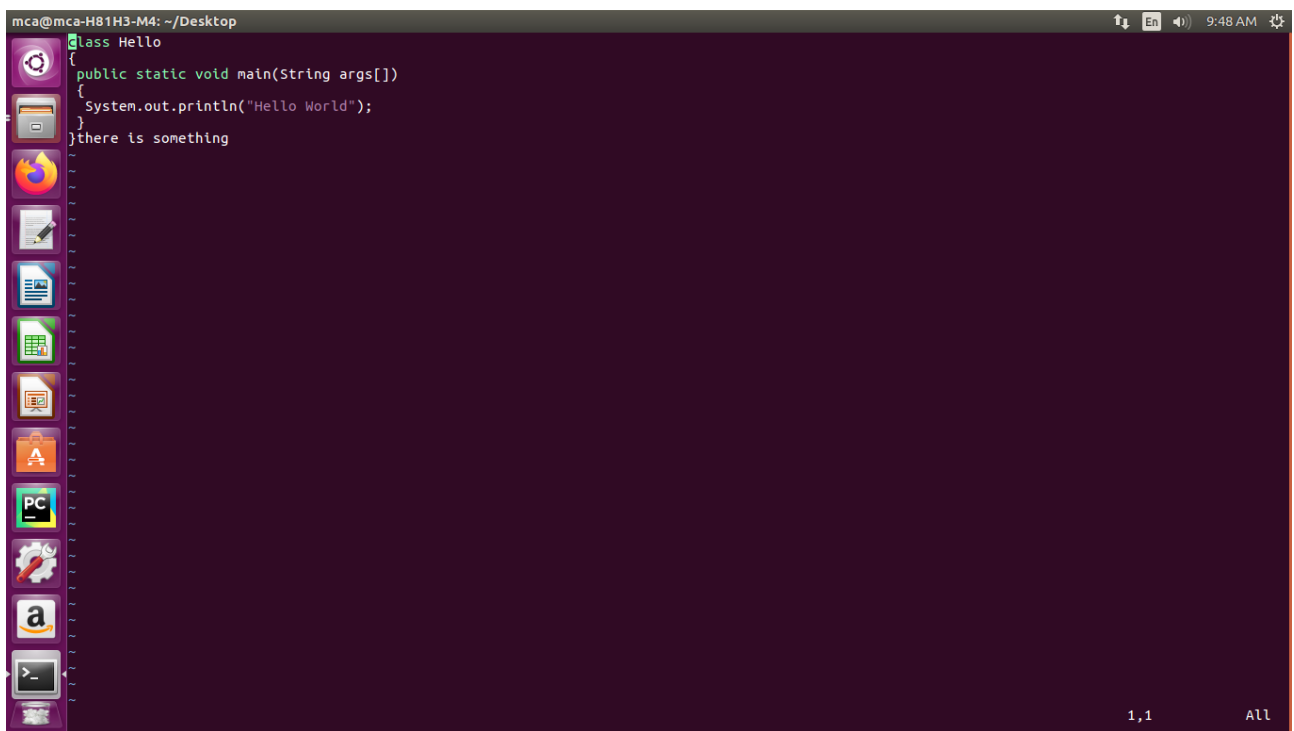
0,0-1 All
```

2.To open a file using VIM Editor

Enter vim Sample.java(file name)

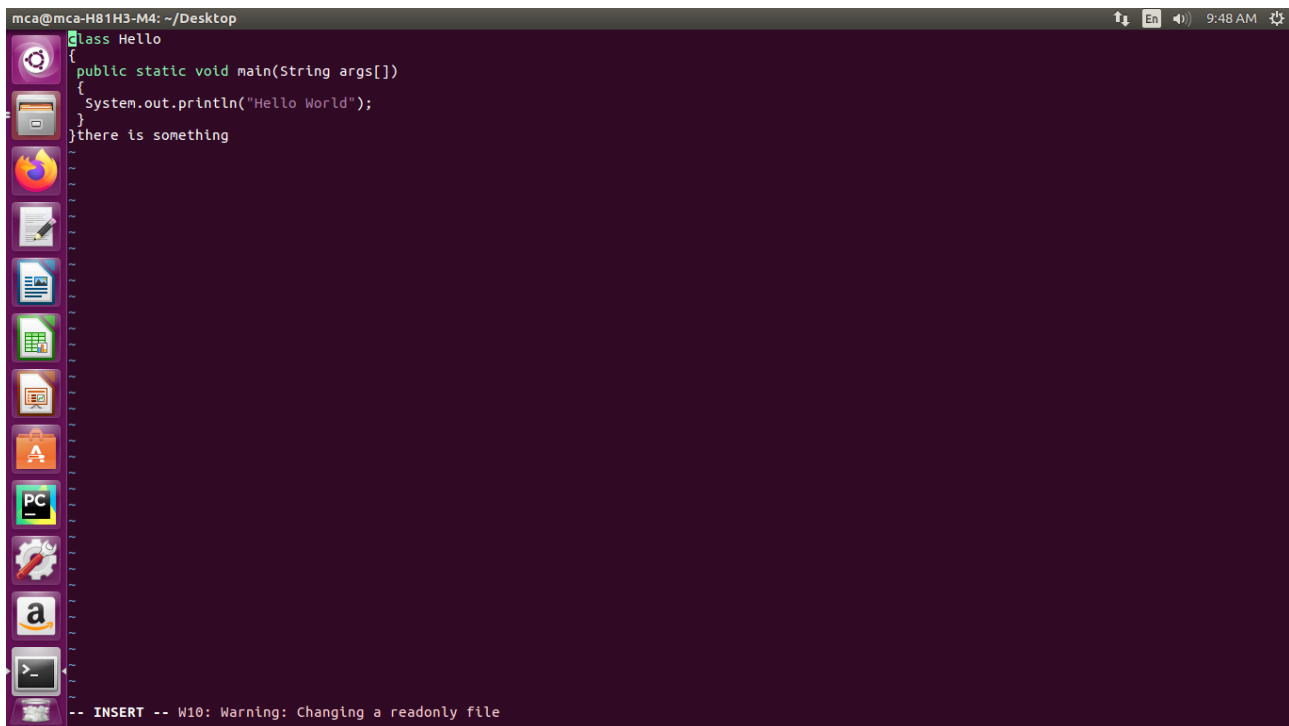


-> After opening the file



3.To edit the content in the opened file

Enter i

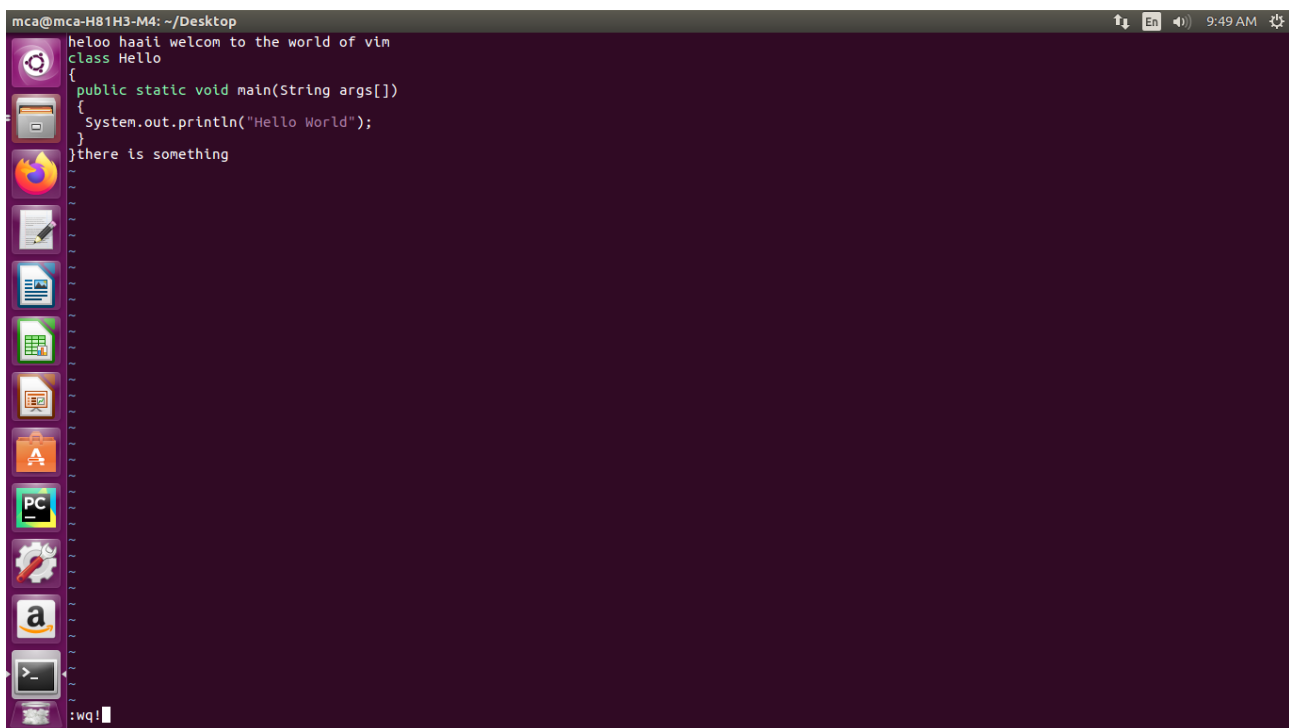
A terminal window titled 'mca@mca-H81H3-M4: ~/Desktop' shows a vim editor editing a file. The file content is:

```
class Hello
{
    public static void main(String args[])
    {
        System.out.println("Hello World");
    }
}there is something
```

 The status bar at the bottom of the vim window displays '-- INSERT -- W10: Warning: Changing a readonly file'. The terminal's top bar shows system icons and the time '9:48 AM'.

```
mca@mca-H81H3-M4: ~/Desktop
class Hello
{
    public static void main(String args[])
    {
        System.out.println("Hello World");
    }
}there is something
-- INSERT -- W10: Warning: Changing a readonly file
```

-> After editing the content

The terminal window is the same as the previous one, but the vim editor now shows additional text at the top:

```
heloo haait welcom to the world of vim
class Hello
{
    public static void main(String args[])
    {
        System.out.println("Hello World");
    }
}there is something
```

 The status bar remains '-- INSERT -- W10: Warning: Changing a readonly file'. The terminal's top bar shows the time '9:49 AM'.

```
mca@mca-H81H3-M4: ~/Desktop
heloo haait welcom to the world of vim
class Hello
{
    public static void main(String args[])
    {
        System.out.println("Hello World");
    }
}there is something
: wq
```

4.To exit without doing anything

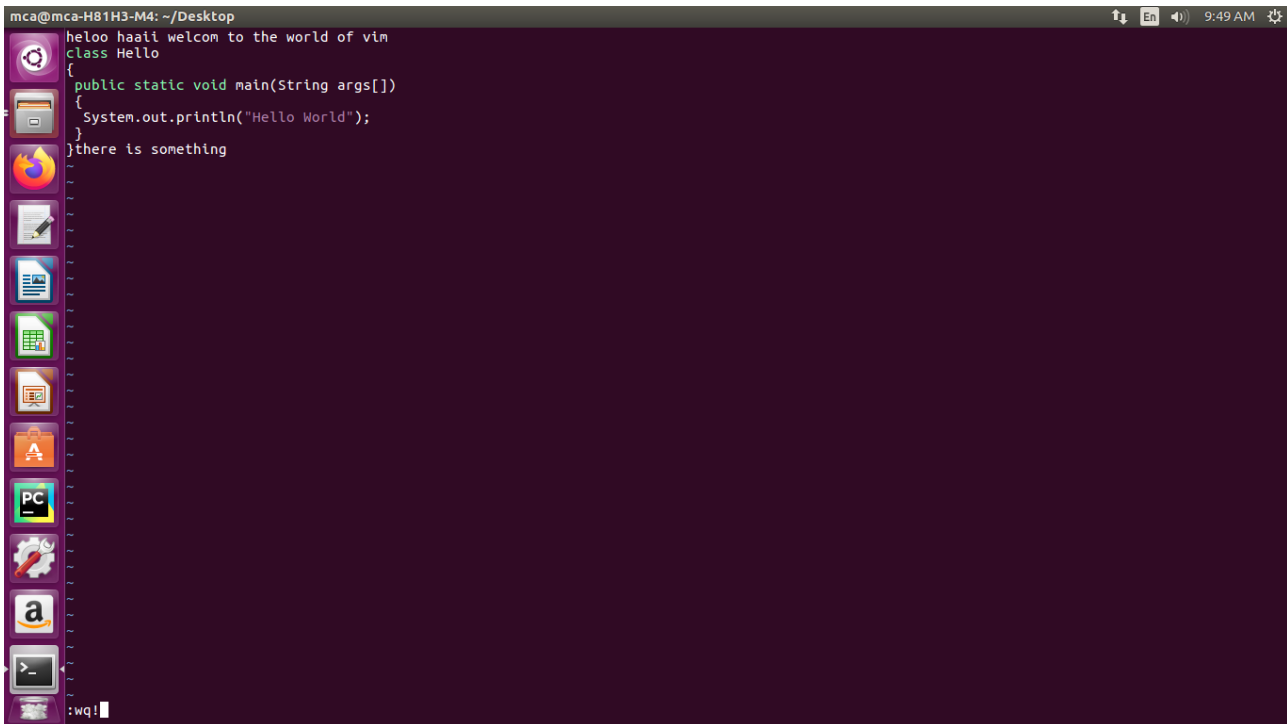
Enter Esc:q

5.To exit from the VIM without saving changes

Enter Esc:q!

6.To Quit and save changes

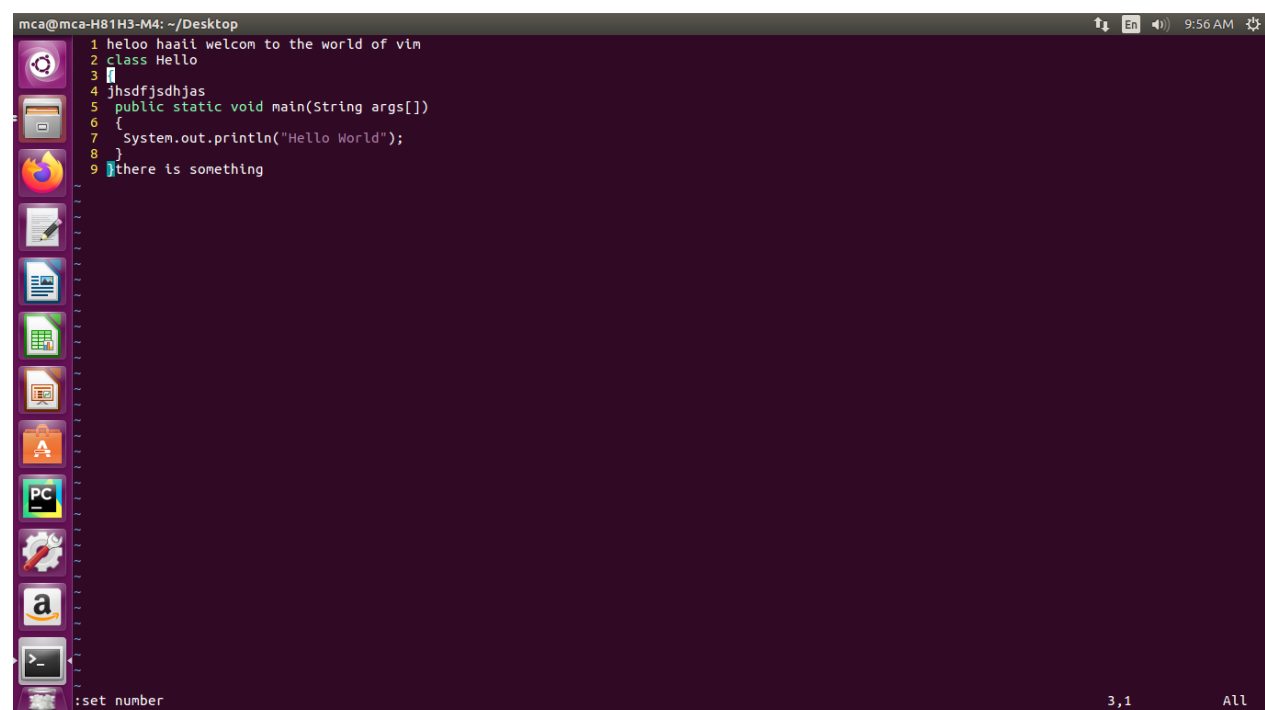
Enter Esc:wq!



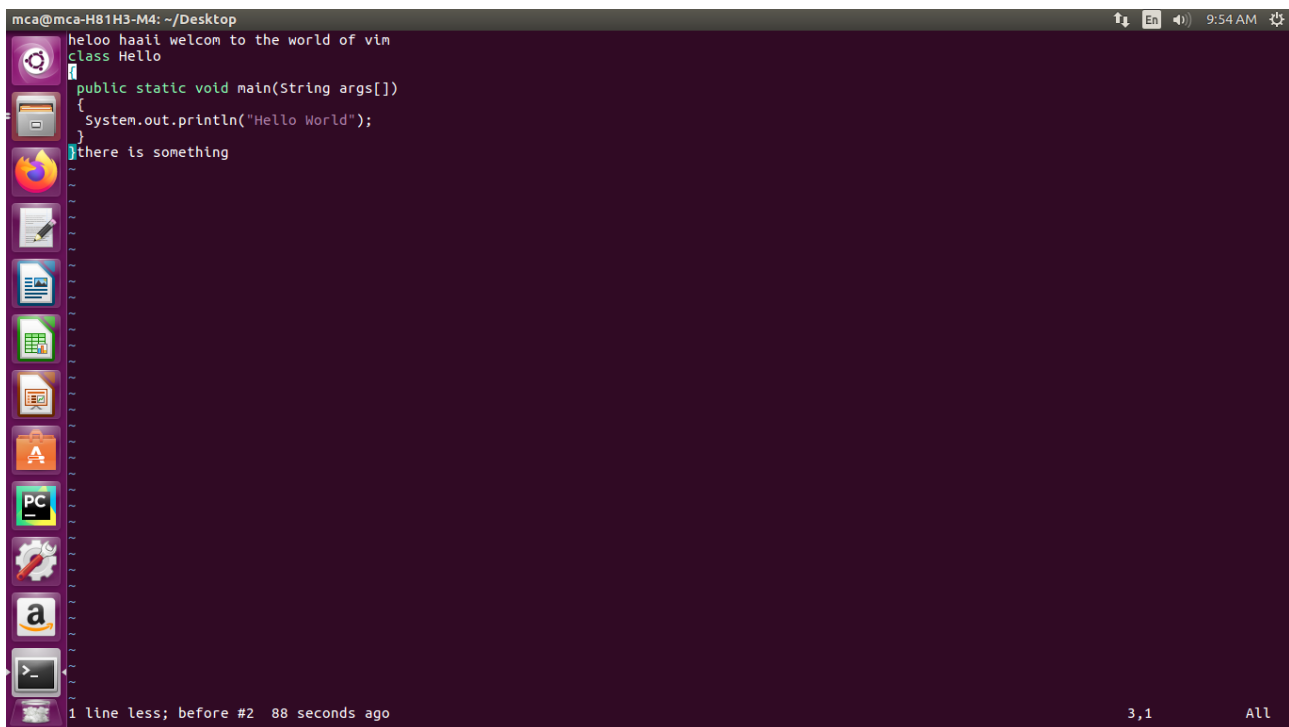
```
mca@mca-H81H3-M4: ~/Desktop
heloo haail welcom to the world of vim
class Hello
{
public static void main(String args[])
{
System.out.println("Hello World");
}
}there is something
:wq!
```

7. To UNDO

Enter Esc u



```
mca@mca-H81H3-M4: ~/Desktop
1 heloo haail welcom to the world of vim
2 class Hello
3 {
4 jhsdfjsdhjas
5 public static void main(String args[])
6 {
7 System.out.println("Hello World");
8 }
9 there is something
:set number
3,1 ALL
```



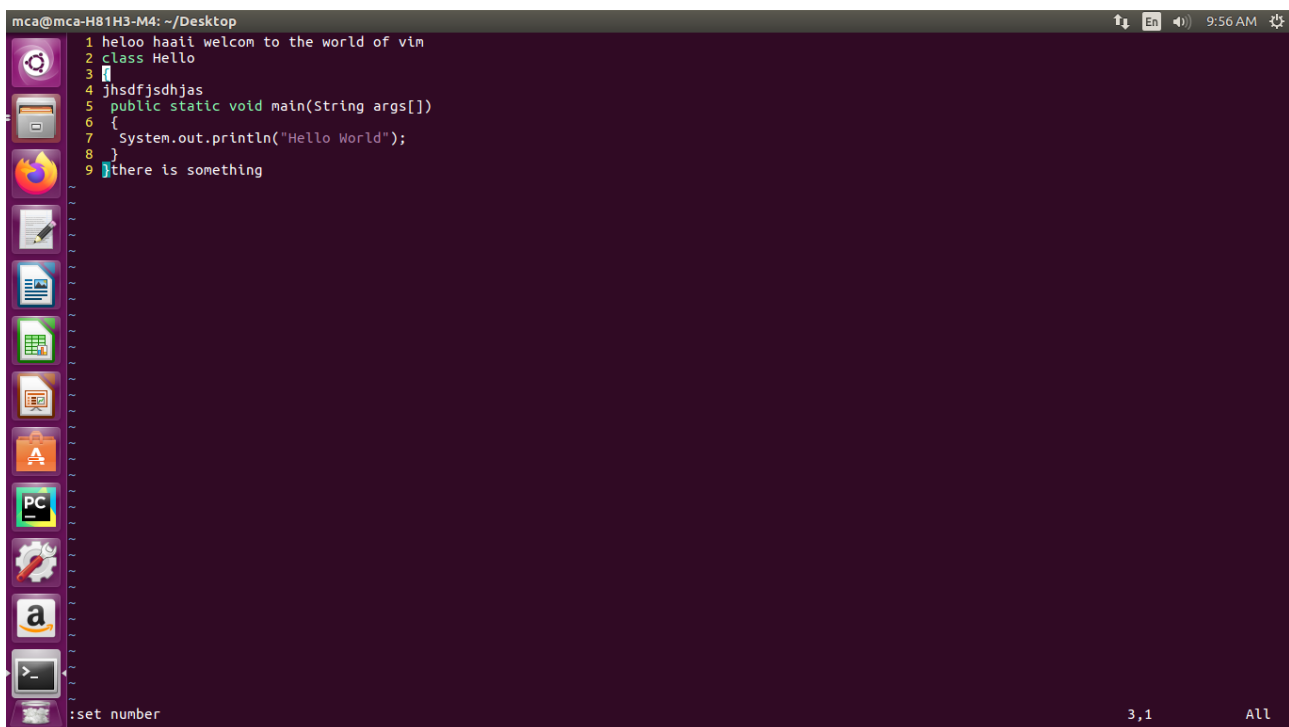
A terminal window on a Linux desktop with a purple theme. The terminal title is 'mca@mca-H81H3-M4: ~/Desktop'. The Vim editor shows a Java file with the following content:

```
1 heloo haail welcom to the world of vim
2 class Hello
3
4 public static void main(String args[])
5 {
6     System.out.println("Hello World");
7 }
8 there is something
```

The status bar at the bottom of the Vim window displays '1 line less; before #2 88 seconds ago' on the left, '3,1' in the center, and 'All' on the right. The desktop sidebar on the left contains icons for various applications including a file manager, Firefox, and several utility tools.

8. To REDO

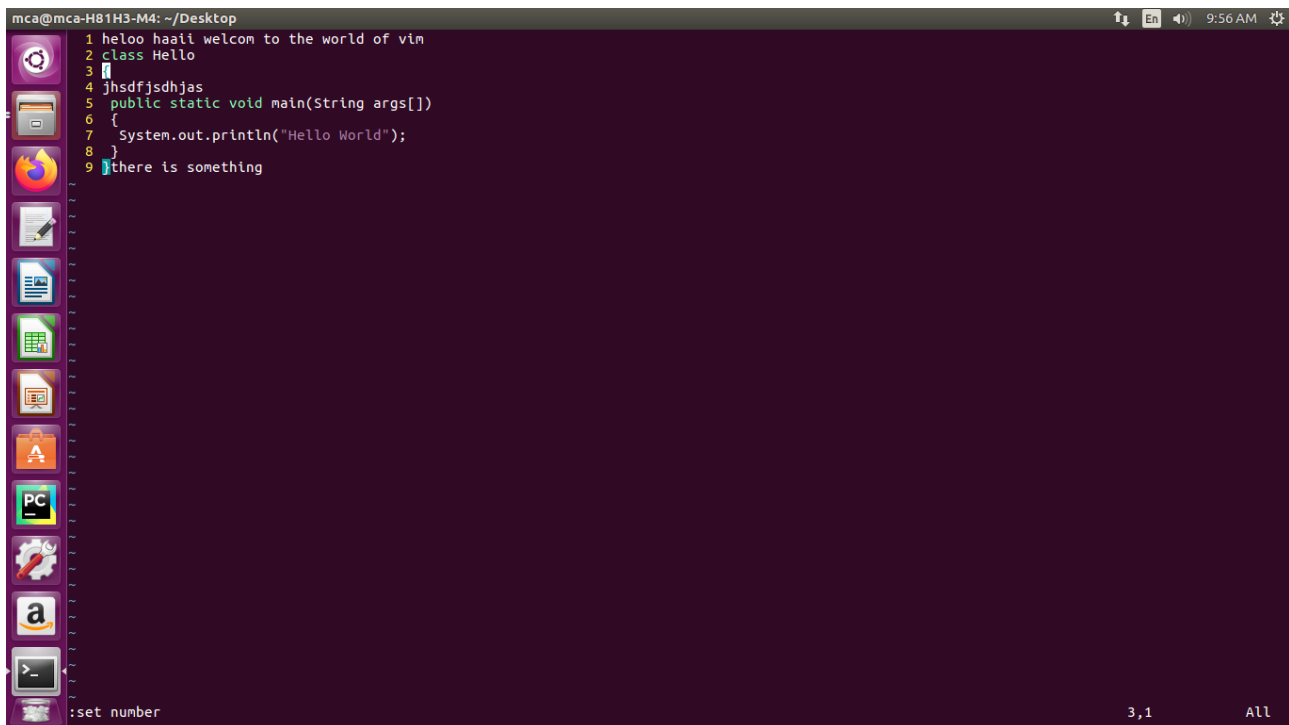
Enter Esc Ctrl r



The same terminal window as above, but now with line numbers enabled in the Vim editor. The status bar at the bottom of the Vim window now displays ':set number' on the left, '3,1' in the center, and 'All' on the right.

9. To set Number

Enter Esc:set number



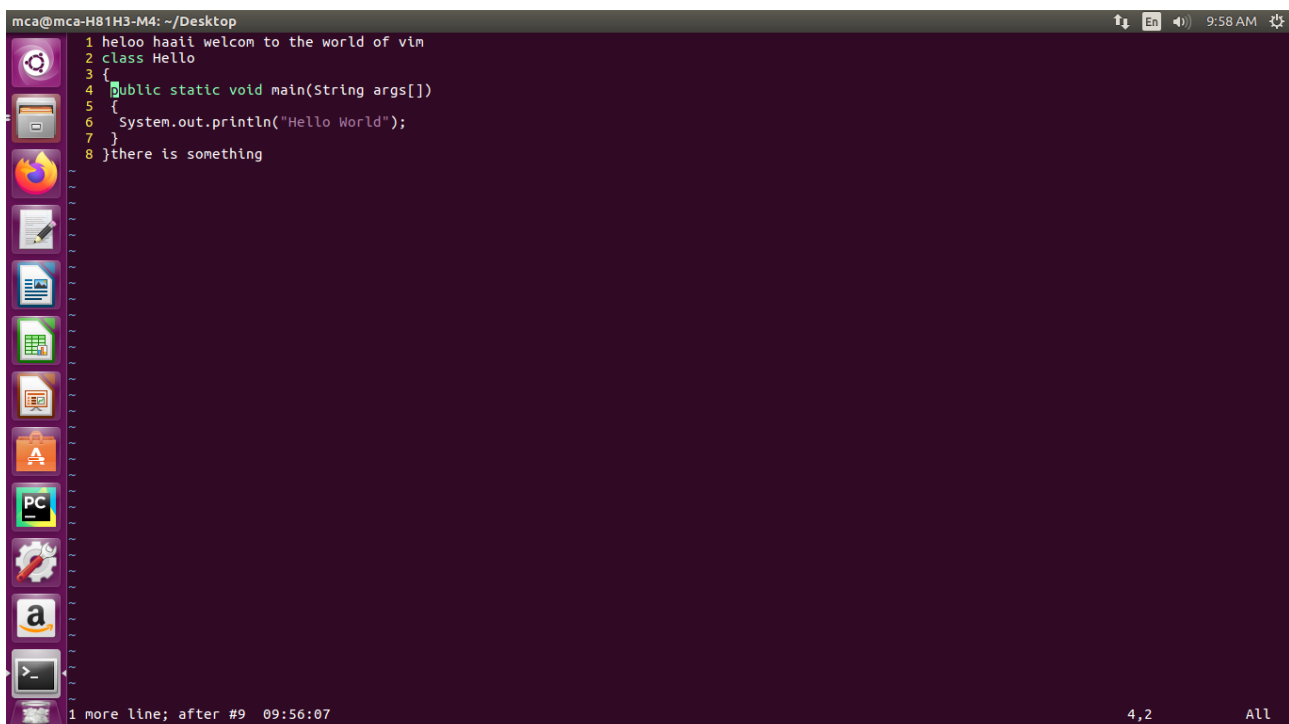
```
mca@mca-H81H3-M4: ~/Desktop
1 heloo haali welcom to the world of vin
2 class Hello
3 {
4 jhsdfjsdhjas
5 public static void main(String args[])
6 {
7 System.out.println("Hello World");
8 }
9 }there is something

:set number
```

3,1 All

10.To delete a single line

Enter Esc dd



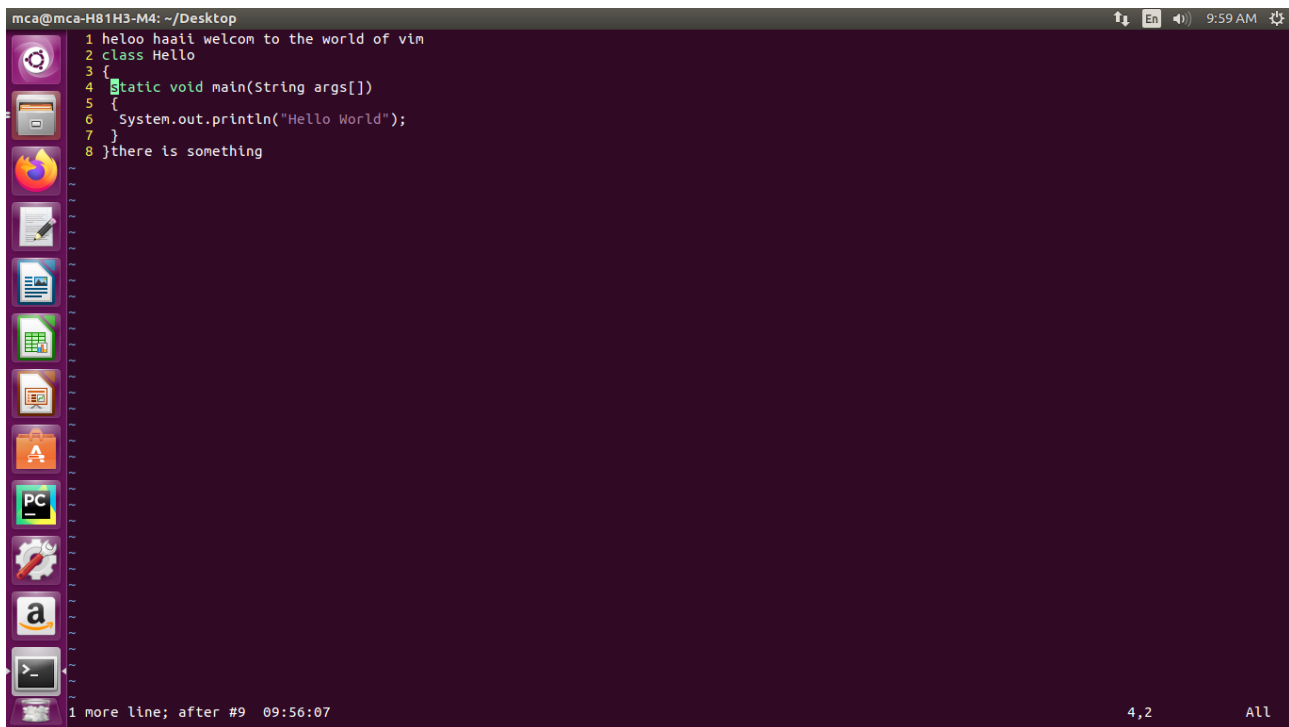
```
mca@mca-H81H3-M4: ~/Desktop
1 heloo haali welcom to the world of vin
2 class Hello
3 {
5 {
6 System.out.println("Hello World");
7 }
8 }there is something

1 more line; after #9 09:56:07
```

4,2 All

11.To delete one word

Enter Esc dw

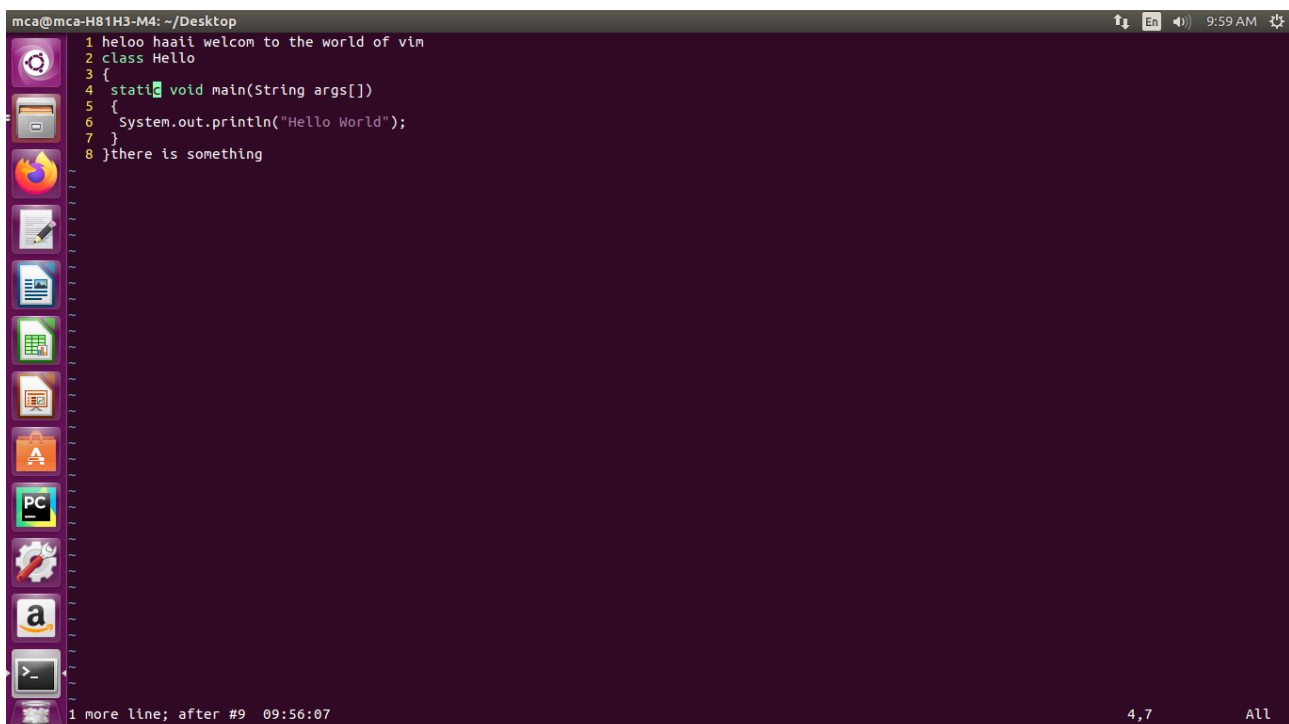


```
mca@mca-H81H3-M4: ~/Desktop
1 heloo haali welcom to the world of vin
2 class Hello
3 {
4 static void main(String args[])
5 {
6 System.out.println("Hello World");
7 }
8 }there is something
```

1 more line; after #9 09:56:07 4,2 All

12. Start to move to the end of the next word

Enter Esc e

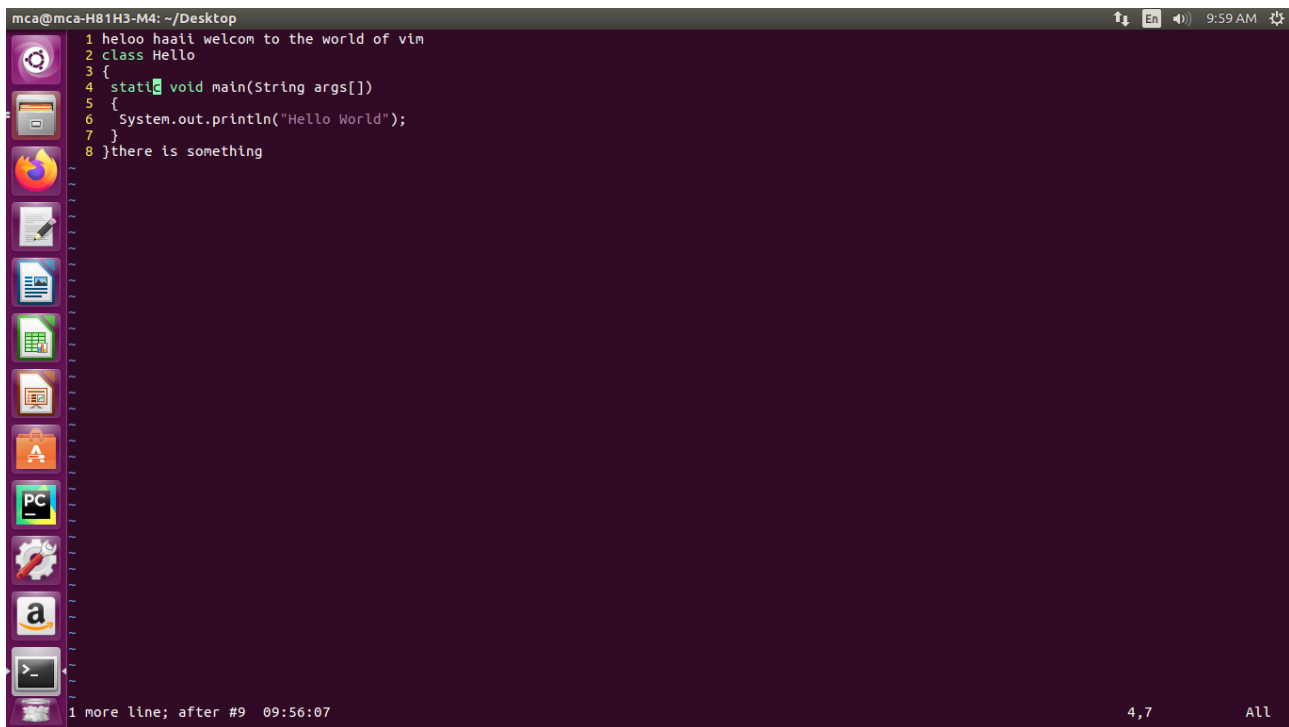


```
mca@mca-H81H3-M4: ~/Desktop
1 heloo haali welcom to the world of vin
2 class Hello
3 {
4 statil void main(String args[])
5 {
6 System.out.println("Hello World");
7 }
8 }there is something
```

1 more line; after #9 09:56:07 4,7 All

13.To copy the line

Enter Esc yy



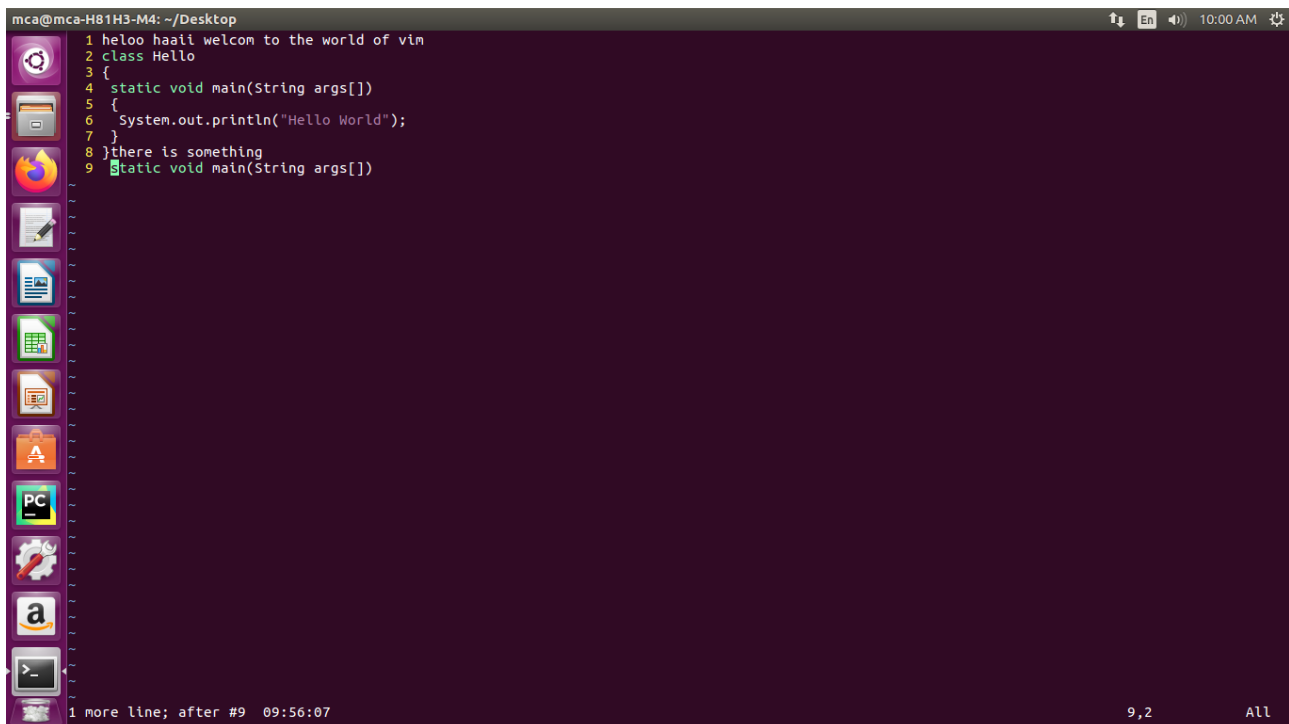
The screenshot shows a terminal window with a dark purple background. On the left is a vertical dock with various application icons. The terminal displays a Java file being edited in the vi editor. The text is as follows:

```
1 heloo haali welcom to the world of vin
2 class Hello
3 {
4  static void main(String args[])
5  {
6    System.out.println("Hello World");
7  }
8 }there is something
```

Line 4, which contains `static void main(String args[])`, is highlighted in green. At the bottom of the terminal, a status bar shows "1 more line; after #9 09:56:07" on the left, "4,7" in the center, and "All" on the right.

14.To paste

Enter p



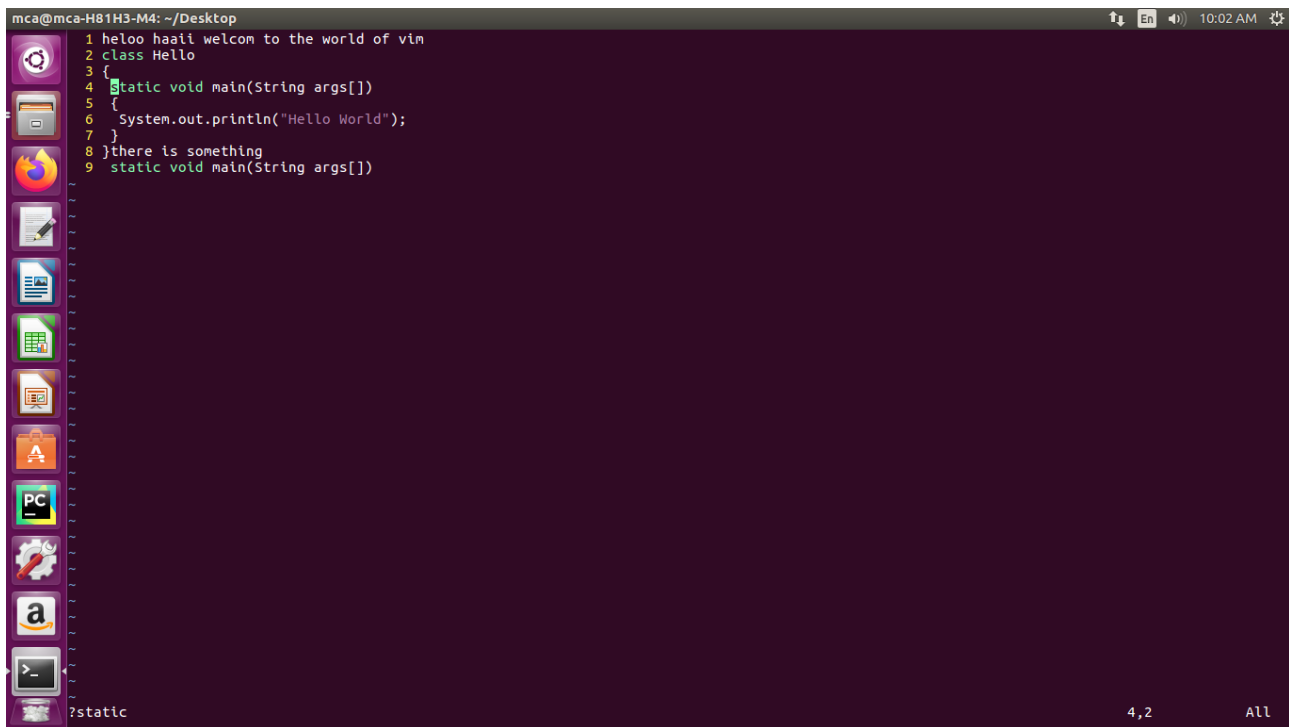
This screenshot shows the same terminal window as the previous one, but after a paste operation. The text is now:

```
1 heloo haali welcom to the world of vin
2 class Hello
3 {
4  static void main(String args[])
5  {
6    System.out.println("Hello World");
7  }
8 }there is something
9  static void main(String args[])
```

Line 9, which contains `static void main(String args[])`, is highlighted in green. The status bar at the bottom now shows "1 more line; after #9 09:56:07" on the left, "9,2" in the center, and "All" on the right.

15.To search a specific word

Enter /static(word to be search) shift n



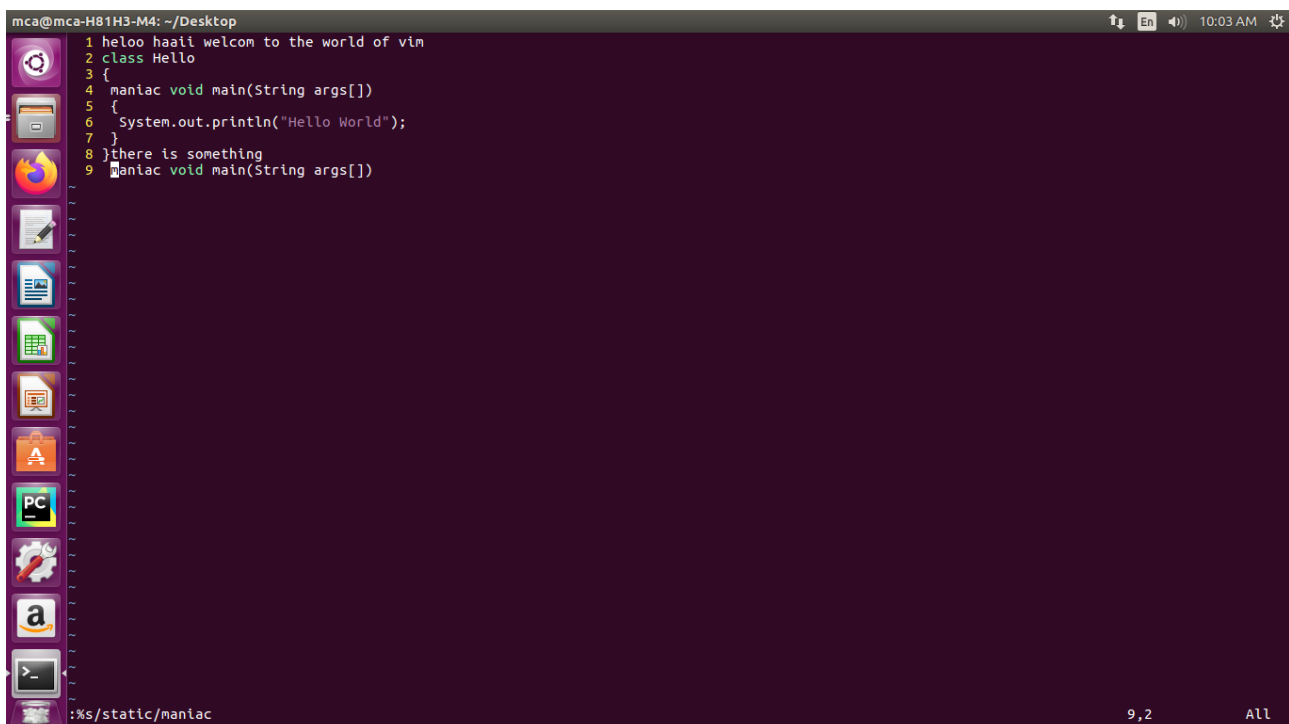
The screenshot shows a terminal window with a dark purple background. On the left, there is a vertical dock with various application icons. The terminal displays a Java file named 'Hello.java' with the following content:

```
1 heloo haali welcom to the world of vin
2 class Hello
3 {
4     static void main(String args[])
5     {
6         System.out.println("Hello World");
7     }
8 }there is something
9 static void main(String args[])
```

The search command `?static` has been entered at the bottom of the terminal. The status bar at the bottom right shows '4,2' and 'All'.

16. To change the specific word by another

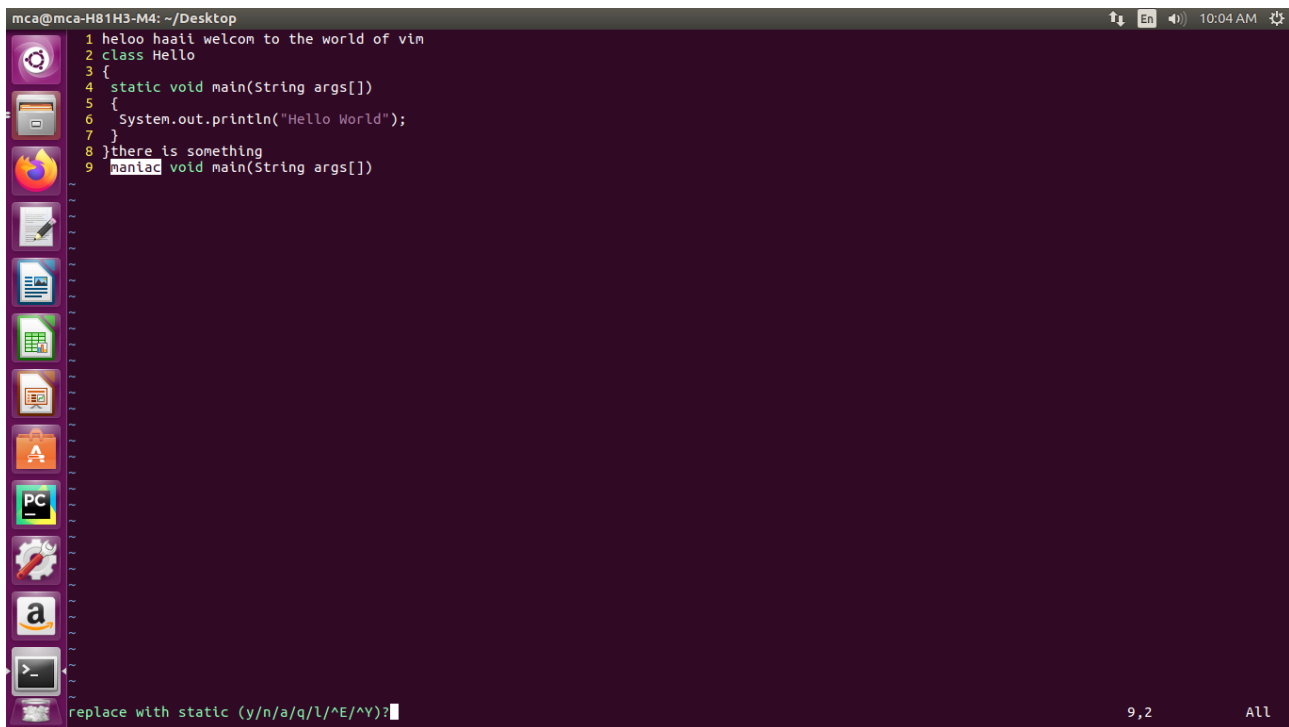
Enter Esc: %s/static(orginal word)/maniac(changing word)



The screenshot shows the same terminal window as before, but now the search and replace command `:%s/static/maniac` has been entered at the bottom. The status bar at the bottom right shows '9,2' and 'All'.

17. To change the specific word line by line

Enter Esc:%s/maniac(original word)/static(changing word)/gc



```
mca@mca-H81H3-M4: ~/Desktop
1 heloo haail welcom to the world of vin
2 class Hello
3 {
4     static void main(String args[])
5     {
6         System.out.println("Hello World");
7     }
8 }there is something
9 maniac void main(String args[])

replace with static (y/n/a/q/L/^E/^Y)?
```

18.To move cursor Left

Enter Esc h

19.To move cursor Right

Enter Esc l

20.To move cursor Down

Enter Esc j

20.To move cursor up

Enter Esc k