

# Introduction to Linux

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# Agenda for Discussion

## 1 A quick guide to Linux History

- Linux: When was it born?
- Why is it significant?

## 2 Using Linux

- Bourne Again Shell!
- Your first command
- Help is on the way
- Usage of 'man'



# Linux History

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- The idea behind Linux was a free operating system.
- This idea has grown so much since then that we have many different Linux-based operating systems available, which are all free.
- Today, it is used on 10's of millions of computers.



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- Power: It runs on multiple hardware platforms, and has both speed and stability.
- Cost: It is free to use and licensed under GPL.
- Popularity!



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- Shell can also be used to invoke complicated programs.





# Who are you?

When you open Terminal, you should see a prompt which waits for you to enter commands (shows a \$ symbol).

Please type this command on your Terminal and check the output

```
$ whoami
```

The output should look something like

```
diptesh
```

Since I am logged on with my username 'diptesh', for me the output is as shown above. For you, it should show your username.



# The Dial '100' of your Terminal!

- Generally, you dial 100 from your phone for an emergency helpline.
- Linux helpline for other commands is called **man** which is short for 'manual'.
- This command provides with a detail of how any other Linux command can be used, with all the parameter and options. You will know what we mean by this because any Linux beginner will use this command extensively, if they aim to learn.



# 'Man'ual / Asking for help

Please type this command on your Terminal and check the output

```
$ man whoami
```

The output should look something like

You should see a description of the command with all the options. Read away!

“Help will always be given at the Terminal, User, to those who ask for it.”

— MAN command



# References

- [Wiki: Linus Torvalds](#)
- [Wiki: History of Linux](#)
- [e-Yantra Homepage](#)



# Thank You!

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