



## Sprint-1 Quiz

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Clarusway



### Q1. What is a flowchart?

- ☐ Using a programming language to show an algorithm
- ☒ A visual representation of an algorithm using symbols
- ☐ Using 'fake code' to plan an algorithm
- ☐ Using different types of charts to show an algorithm

### Q2. What are the two main ways that we represent an algorithm?

- ☐ Using python and small basic
- ☐ Using Scratch and python
- ☒ Using flowcharts and pseudo code
- ☐ By drawing pictures

### Q3. What are the three key parts of computational thinking?

- ☒ Abstraction, decomposition and algorithm
- ☐ Programming, flowcharts and pseudo code
- ☐ Input, processing and output
- ☐ Patterns, shapes and numbers

### Q4. What is computational thinking?

- ☐ It is thinking like a robot
- ☐ It is being able to bake a cake.
- ☒ It allows you to break down a large / complex problem into smaller parts.
- ☐ It is creating a coding solution to a problem.

### Q5. If you had multiple problems and needed to make it easier for yourself what process might you use?

- ☐ Algorithmic thinking
- ☐ Abstraction
- ☒ Decomposition
- ☐ Recognising the pattern

**Q6. Linux is written in:**

- ☐ Java
- ☐ C++
- ☒ C
- ☐ .NET

**Q7. The Linux platform that runs on mobile phone is called:**

- ☐ Telpos
- ☐ IOS
- ☒ Android
- ☐ Linuxdroid

**Q8. Ubuntu is derived from which distribution?**

- ☒ Debian
- ☐ Scientific Linux
- ☐ Slackware
- ☐ Red Hat

**Q9. Which code that make a directory?**

- ☐ mr
- ☐ rmdir
- ☒ mkdir
- ☐ rmdir

**Q10. List the major Linux OS components....**

- ☐ cahche,buffer,memorys
- ☐ Mouse, keyboard, monitor
- ☐ Network, File, Directories
- ☒ Shell, Kernel,system library

**Q11. Who is the creator of Linux?**

- ☐ Jeff Bezos
- ☐ Bill Gates
- ☒ Linus Torvalds
- ☐ Steve Jobs

**Q12. What is the core of a Linux Operating System?**

- ☐ Command
- ☒ Kernel
- ☐ GUI
- ☐ Shell

**Q13. Which symbol do we use if we want to add a comment to our code?**

- ☒ #
- ☐ @
- ☐ &
- ☐ \*

**Q14. Python was created by .....?**

- ☐ Jeff Bezos
- ☐ Bill Gates
- ☐ James Gosling
- ☒ Guido van Rossum

**Q15. What is Python?**

- ☐ spreadsheet
- ☐ block based programming language
- ☐ word processor
- ☒ text based programming language

😊 **Thanks for Attending** 📝

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