**Day 3: Assignment task**

1. **How does alexa work finding websites carmelsolutions.net.**

Alexa was founded as an independent company in 1996 and acquired by Amazon in 1999 for in stock. Its [toolbar](https://en.wikipedia.org/wiki/Alexa_Internet#Toolbar) collects data on Internet browsing behavior and transmits them to the Alexa website,

Working:

1.Alexa gets its name from the acient library of alexandira and it can be activated by 1st saying a trigger word(alexa or echo or amazon or computer)followed by your query or request. Alexa uses natural language interpretation to process and act upon requests.

2. In additional to returning information alexa also enables echo devices to function as smart home hubs that can control internet of things connected devices like smart lights, thermostats and electronics.

3.A[mazon](https://www.quora.com/topic/Amazon-company) first records your speech. Because interpreting sounds takes up a lot of computational power, the recording of your speech is sent to Amazon’s servers to be analyzed more efficiently.

4. Amazon breaks down what you said into individual sounds. It then consults a database containing various words' pronunciations to find which words most closely correspond to the combination of individual sounds.

5.It then identifies key words to make sense of the tasks and carry out corresponding functions. For example, if Alexa notices words like *"weather"* or *"temperature"*, it would open the weather app.

6.Amazon’s servers send the information back to your device and Alexa may speak. If Alexa needs to say anything back to us, it would go through the same process described above, but in reverse order.