

**Qus : What is search engine ? and how its works ?**

Search engines are the software program that provides information according to the user query. It finds various websites or web pages that are available on the internet and gives related results according to the search.

search engines are generally work on three parts that are **Crawling, Indexing.**

**1 : Crawling :** Search engines have a number of computer programs that are responsible for finding information that is publicly available on the internet. The crawler scans the web and creates a list of all available websites. Then they visit each website and by reading HTML code they try to understand the structure of the page, the type of the content, the meaning of the content, and when it was created or updated

**2 : Indexing :** Information identified by the crawler needs to be organized, Sorted, and Stored so that it can be processed later by the ranking algorithm. Search engines don't store all the information in your index, but they keep things like the Title and description of the page, The type of content, Associated keywords Number of incoming and outgoing links, and a lot of other parameters that are needed by the ranking algorithm.

**Qus : 2 what is crawling Budget ?**

Ans : 1:Size of your site.

2.heath of your site.

3.number of links to your site.