Wednesday, 22 September 2021

Sound:

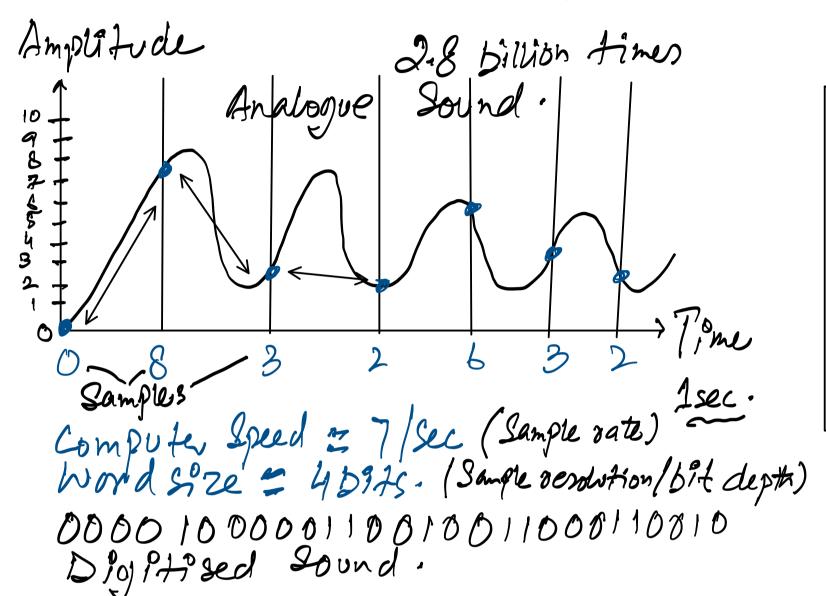
Acc Binary -> Analogue -> Confineous -> MM.

Digitisation.

Digitisation.

2.8 GHZ Billim Cycles

- Computer Speed - Computer word Size



JONY
CD was invented.
Compute Speed: 44100 Sec.
44K
Word speed: 18 5775
2 Bytes.

- To improve Sound recording quality we have to improve Sample rate and Sample resolution
- Digital Sounds are broken down into mbu of Samples per Second. Each Sound Sample is served as binary data.
- Sample vate: Number of captured samples per second.
- Semple: Single recording of sound amplitude.
- Dit depti: Number 7 bits seved per Sample.

Sound Fole Size:

File Size = Sample vote x bit depth x Time Sugges persec In bits In Swords.

Sample rate: Skhz (Telephone Quelity)
Bit depth: 185its
Time: 1 min.

File Size = 8000 x 16 x 60 7680000 /8 =

128000 x 60 960000 Bytes 1/624 =

7680000 5175 937.5 KiB