

Home Assignment:-

1. Mention 5 characteristics of element:-

## Characteristics.

- They are homogenous in nature
- They ~~are~~ can be represented symbolically
- They have definite boiling point & Boiling point
- It can't be broken into more simple form.
- It They occur in 3 states of Matter
  - solid ; → liquid , → gas

2- Why carbon dioxide is a compound whereas carbon is an element?

ans. Carbon dioxide is a prevalent chemical compound that is composed of a carbon atom and two oxygen atoms. Carbon is an element and ~~carbon~~ carbon dioxide constitutes of ~~atom~~ carbon and oxygen which are both independent elements combined together in a fixed ratio to form  $CO_2$ .