Genetic Computing

A genetic Algorithm:

Here the fittest individuals are selected for reproduction in order to produce offspring of the next generation.

Population:

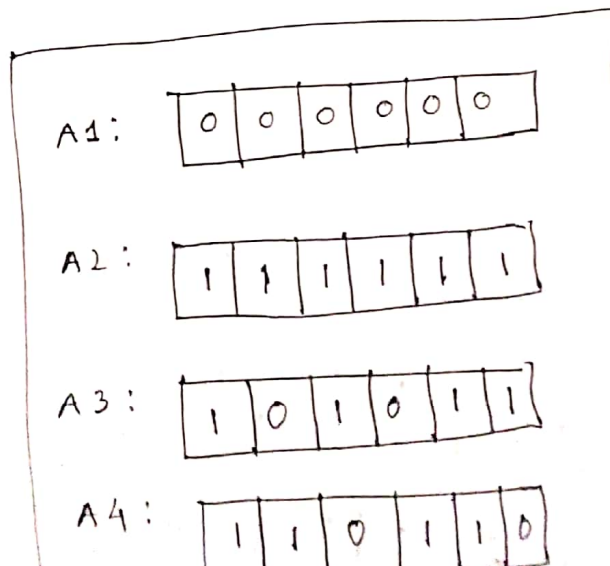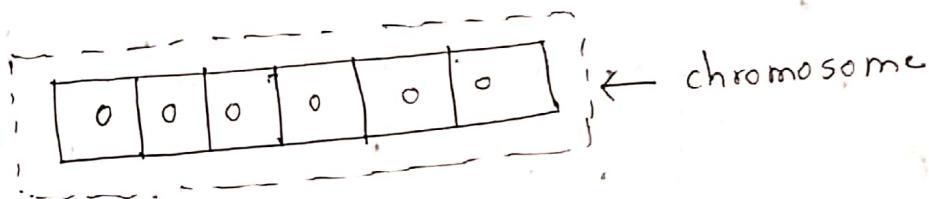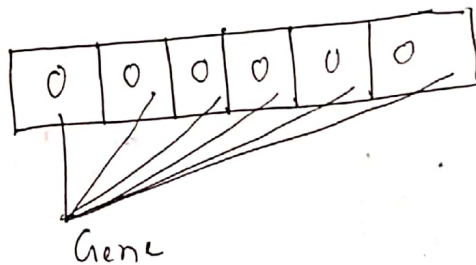A set of individuals is called a population

Genes:

An individual is characterized by a set of parameters (variables) known as Genes.

chromosome:

Genes are joined into a string to form a chromosome

Example:

0	0	0	0	0	0

Gene

| 0 | 0 | 0 | 0 | 0 | 0 | ← chromosome
|---|---|---|---|---|---|

A1:	0	0	0	0	0	0
A2:	1	1	1	1	1	1
A3:	1	0	1	0	1	1
A4:	1	1	0	1	1	0

population