**Defining features of a scientific calculator include:**

* Scientific notation.
* Floating-point arithmetic.
* Logarithmic functions, using both base 10 and base e.
* Trigonometric functions (some including hyperbolic trigonometry).
* Exponential functions and roots beyond the square root.
* Quick access to constants such as pi and e.
* Equation solving.
* Conversion of Units.

**SWOT Analysis of Calculators**

* Like all other companies, Arya also has its Strengths, Weaknesses, Opportunities, and Threats that contribute to the growth of this brand. These will be discussed in the study below.

**STRENGTHS of Arya Calculator**

* The ultimate strength of Arya Calculators is its innovative and user-friendly products. Arya calculators are long lasting.
* Arya is expecting and sure that we will have trust of people, which is valuable than any other strength.

**WEAKNESSES of Arya Calculator**

* There are limited number of functions.
* It’s Fragile

**OPPORTUNITIES of Arya Calculator**

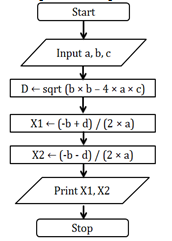
* The tech-based market has a huge opportunities in capturing the youth market. Because since the beginning of childhood, we got introduced to Arya as a helping partner in mathematics. We accepted it as a companion, and an emotional attachment grew.
* So if Arya launches any innovative products for the youth generation, they won’t think much before give it a try.

**THREATS of Arya Calculator**

Although Arya enjoys a substantial competitive advantage in the calculator business, strong competitors such as Nikon, [Fastrack](https://www.fastrack.in/), Panasonic, Sony, Pentax, etc. are emerging daily and gaining popularity among people.

**5.Quadratic equations**

**Structural diagram**



**Bhevarioural diagram**

