1 MAPLE

- FOUNDER:

Waterloo Maple (Maple soft)

- **HISTORY OF MAPLE**

- Maple offical release date was in 1982.It was developed by Waterloo Maple (Maple Soft).It came about when researchers at university of waterloo wanted to buy a powerful computer strong enough to take on the lisp-based computer algebra systemmacsyma.So instead they developed **maple** which would run on low cost computers and could also be portable. These researchers began writing maple from **BCPL** . It was first released in 1982. Then over time Maple had an exponential growth. Maple is technical developed to cover areas such as data processing.

ADVANTAGE OF MAPLE It provides an intellectual environment in solving technical problems due to the fact that it can carry out symbolic, numeric and graphical computations. It is a very powerful language even though it was written in C, Java , Maple.

- But no one uses maple again because it is slow, instead people use mathematica.

- Maple is more or less a mathematical software

- Examples of applications: Fractal leaf generator, Knight's Tour, The SEIR model with births and deaths. Etc

- Maple IDE-comes with features like Powerful Maple code editor, automatic indenting, source code validation which makes it easy to use.

- **IDE**(Integrated Development Environment) just enables programmers to incorporate the different aspects of writing a computer program.

- Related programs – C , Java