dissimilar systems have two different tasks

at hand but are grouped together to conclude a

larger task first. Every group of systems then would have its own tasks finished one after the other until all tasks are complete.

Parameter Passing: Parameter Passing is a mechanism used

to pass parameters to

functions, subroutines or procedures. Parameter Passing can be done

through 'pass by

value', 'pass by reference', 'pass by result', 'pass by

value-result' and 'pass by the name'.

Advantages and Disadvantages of Procedural

Programming

Procedural Programming comes with its own set of pros and cons, some of which are mentioned below.

Advantages

Procedural Programming is excellent for general-purpose programming

The coded simplicity along with ease of implementation of compilers and

interpreters

A large variety of books and online course material available on tested algorithms, making it easier to learn along the way
The source code is portable, therefore, it
can be used to target a different CPU as well
The code can be reused in different parts of the program, without the need to copy it
Through Procedural Programming technique, the memory requirement also slashes
The program flow can be tracked easily

Disadvantages

The

program code is harder to write when Procedural Programming is employed The Procedural code is

often not reusable, which may pose the need to recreate the code if is needed to use in another application

Difficult to relate with real-world objects

The importance is given to the

operation rather than the data, which might pose issues in some data-sensitive cases The data

is exposed to the whole program, making it not so much security friendly There are different

types of programming paradigm as we mentioned before, which are nothing but a style of programming.

It is important to understand that the paradigm does not cater to a specific language but to the way the program is written.

Below is a comparison between Procedural

Programming and Object-Oriented Programming.