**DEFECT CATAGERIES:**

Arithmetic defects

It include the defect made by **developer** if any mistakes finding solution of such arithmetic expression.

This defect made by programmer due to less knowledge.

Logical defect

Logical defects are mistakes done regarding the implementation of the code.

When the programmer does not understand the problem clearly then such types of defects happen.

Syntax defects

Syntax defects means mistakes in the writing style of the code.

The **developers** do the syntax defects as there might be some small symbols escaped. ex: while writing the code in c++ there is possibility that a semicolon(;) is escaped.

Interface defect

Interface defects means the defect in the interaction of the **software** and the **users.**

The system may suffer different kinds of the interface testing in the forms of the complicated interface , unclear interface .

Performance defects

Performance defects are the defects when the system is unable to

Meet the desired and the expected results.

When the system does not fulfil the users requirements then that is

The performance defects.

Multithreading

defects

Multithreading means running or executing the multiple

Tasks at the same time.

Hence in multithreading process there is possibility of the

Complex debugging.