

## What is 5 th GL

Today we are normally using 4<sup>th</sup> GL. In this as Software Engineers we have to design and code the algorithm to perform something. 5<sup>th</sup> GL is introduced to overcome this. In 5<sup>th</sup> GL we only worry to understand what should be performed and what the constraints are. The 5<sup>th</sup> GL will give the answer for HOW. It means design the algorithm by itself.

Using 5GL easy to build the application in OOP. SE only does what are the classes in relationship. How it created and rest of the things done by the language.

As a example in 3GL or 4GL for giving pass or fail we have to code like

```
If(mark>=50)
```

```
Print pass
```

```
Else
```

```
Print Fail
```

But in 5GL only to do  $\geq 50 \rightarrow$ Pass  $< 50 \rightarrow$  Fail, Then algorithm will be designed.

This type of languages vastly used in artificial intelligence. .PROLOG(programming of Logic), OPS5 ,Mercury are popular 5GL languages.

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