Tool: - Kiuwan

**Introduction to tool**:-

Kiuwan is a static code analysis tool for code quality management which is offered as software as a service (SaaS) product. [11th URL]

**Download and configuration details:-**

Need to visit: - [12th URL]

Basically, two download options

1. Free trial: - If it is for non-business purpose, have to go with the Github free repo which can be used as a free open source software. For scanning our code base, it should be in the same Github account.
2. Local analyser

**Usage of Tool:-**

[8th URL]

* *Correct****development and maintenance costs management****, when it is carried out either by themselves or others resources,*
* *Reduce****issues****—bugs— of the technical requirements —non-functional or structural— of its applications: security, performance, efficiency ...*
* ***Align developed applications with the business****,*
* ***Increase the productivity****of the projects, or*
* ***Gain greater control****—government— of their application development or maintenance****outsourcing****.*

Strengths and weaknesses :-

[9th URL]

*Again, no matter the size, complexity or color of the companies. Kiuwan has the****right information to the right stakeholder in the IT department****. Not only developers and development managers,****ALL stakeholders.***

User Reviews of the tool :- https://www.itcentralstation.com/products/kiuwan

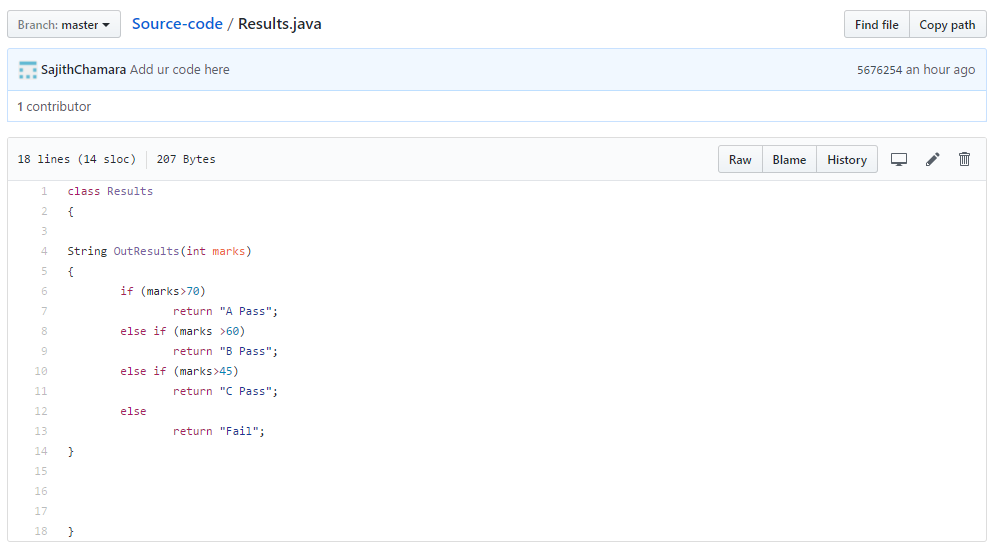
 Snapshots of tool usage using selected code samples :-

Figure 1Results.java in Github

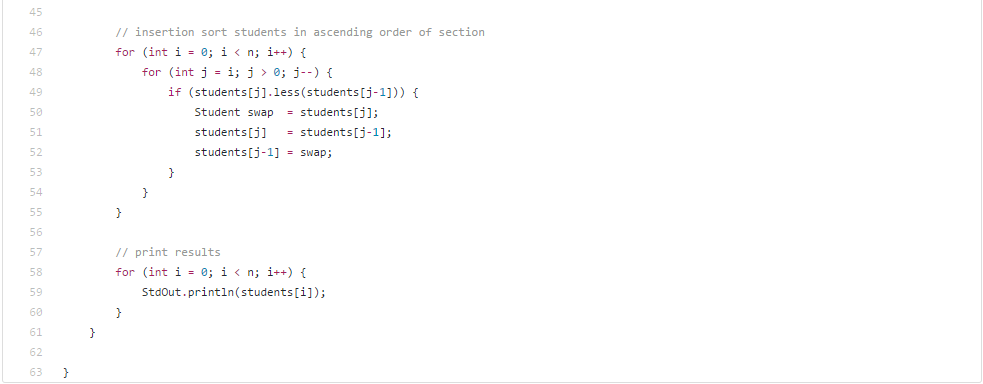
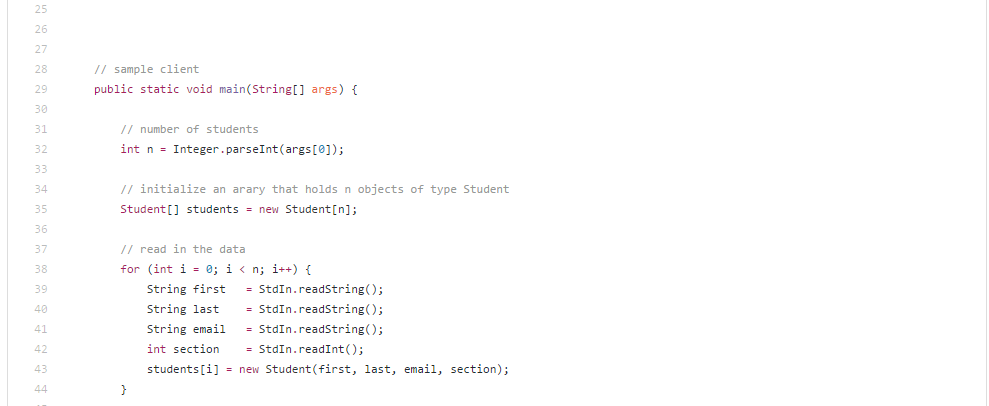


Figure 2Student.java

outcome of the tool :-

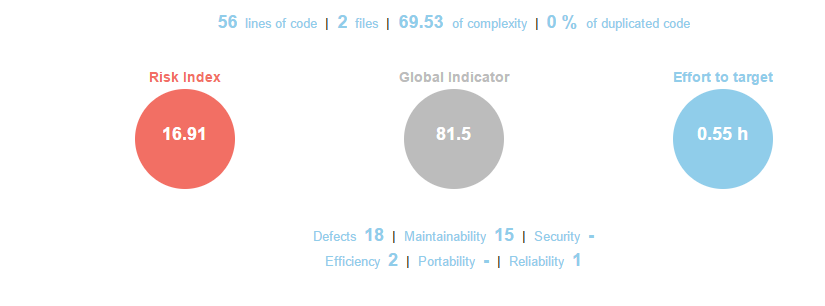


Figure 3Kiuwan report