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## **writeCode – E-Learning Platform to learn Python Language**

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## **ABSTRACT**

E-learning makes use of communication networks to deliver knowledge and has become increasingly popular with the advancement of technology. Writecode is a novel software solution developed and implemented to aid students in their coding module of the GCE AL curriculum. Many students struggle to grasp programming concepts because of inadequate explanation and a lack of necessary skills to write programs. Existing literature review suggests that though various e-learning platforms are available for Python language, none of them cater to the requirements of AL curriculum. This gap highlights the need for an e-learning platform that would provide supports for students to prepare for the AL exam. The software development project offers comprehensive support for understanding programming concepts and building coding skills through interactive exercise and personalized feedback. Expert evaluation and usability studies. demonstrates its ability to meet the user needs and providing a satisfactory user experience.

*Keywords: e-learning, GCE AL, Python,*