

Vanda Vironica Gizella. 2021. *Analisis Kesulitan Belajar Ditinjau dari Sikap Kelas X TKJ pada Mata Pelajaran Produktif Materi Operasi Aritmatik di SMK NU 2 Kedungpring*. Skripsi, Program Studi Pendidikan Informatika, Fakultas Ilmu Pendidikan, Universitas Trunojoyo Madura. Pembimbing: Muchamad Arif, S.Pd., M.Pd.

ABSTRAK

Penelitian ini bertujuan untuk mengetahui jenis kesulitan belajar siswa kelas X TKJ di SMK NU 2 Kedungpring saat menyelesaikan soal pada mata pelajaran sistem computer tepatnya pada materi operasi aritmatik ditinjau dari sikap (optimis, realistis, pesimis) siswa. Penelitian ini merupakan penelitian yang bersifat kualitatif deskriptif. Sampel dalam penelitian ini sebanyak 6 sampel. Data dikumpulkan dengan menggunakan angket sikap siswa, lembar tes tertulis perihal materi operasi aritmatik serta wawancara. Hasil yang diperoleh dari penelitian ini yaitu (1) siswa dengan sikap optimis mengalami kesulitan dalam menyelesaikan masalah verbal (menganalisis operasi aritmatik dalam *Binary Code Decimal* (BCD)). (2) siswa dengan sikap realistis mengalami kesulitan dalam mempelajari konsep (membedakan masing-masing operasi aritmatik serta *increment* dan *decrement*) dan mengalami kesulitan dalam menyelesaikan masalah verbal (menganalisis operasi aritmatik dalam *Binary Code Decimal* (BCD)). (3) siswa dengan sikap pesimis mengalami kesulitan menerapkan prinsip (menyelesaikan operasi aritmatik pada bilangan biner) dan mengalami kesulitan dalam menyelesaikan masalah verbal (menganalisis operasi aritmatik dalam *Binary Code Decimal* (BCD)).

Kata Kunci : Kesulitan Belajar, Operasi Aritmatik, Sikap Siswa.

Vanda Vironica Gizella. 2021. Analysis of Learning Difficulties Judging from the Attitude of Class X TKJ on Productive Subjects Arithmetic Operations at SMK NU 2 Kedungpring. Thesis, Informatics Education Study Program, Faculty of Education, Trunojoyo University Madura. Supervisor : Muchamad Arif, S.Pd., M.Pd.

ABSTRACT

This study aims to determine the type of learning difficulties of class X TKJ students at SMK NU 2 Kedungpring when solving problems on computer systems subjects, precisely on arithmetic operations material in terms of students' attitudes (optimistic, realistic, pessimistic). This research is a descriptive qualitative research. The sample in this study were 6 samples. Data were collected using student attitude questionnaires, written test sheets regarding arithmetic operations and interviews. The results obtained from this study are (1) students with an optimistic attitude have difficulty in solving verbal problems (analyzing arithmetic operations in Binary Code Decimal (BCD)). (2) students with realistic attitude have difficulty in learning concepts (distinguishing each arithmetic operation as well as increment and decrement) and have difficulty in solving verbal problems (analyzing arithmetic operations in Binary Code Decimal (BCD)). (3) students with a pessimistic attitude have difficulty applying principles (completing arithmetic operations on binary numbers) and have difficulty solving verbal problems (analyzing arithmetic operations in Binary Code Decimal (BCD)).

Keywords: *Learning Difficulties, Arithmetic Operations, Student Attitudes.*