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Book of Abstracts

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ABSTRACT

Education is a part of every human life. Till this year in our country we use to learn on traditional, classical way using whiteboard and presentations to present subject curriculum. But, this year the situation in education environments was dramatically changed. This situation was caused by pandemic which oculate the whole world and she led to online learning. In this paper will be analyzed and compared the results of the final exam for the subject Operating Systems for the students from different academic year: one from academic year 2018/2019 when the teaching was performed in a classical way and the second one from academic year 2019/2020 when the teaching was performed online through the platformMicrosoft Teams. Both group of students are from Faculty of computer science at University “GoceDelcev”– Stip and they study the subject Operating Systems in the fourth semester. The aim of the paper is using descriptive statistics and other statistical methods to draw a conclusion which way of learning gives better results in student achievement.

Keywords: Education, learning, statistical analysis.

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ABSTRACT

Educational process, especially higher education was generally based on classical model of learning till 2020. This model includes table and presentations for teaching, and exams conducted in a classroom. Then e-testing in that classical model was introduced and included partly, only on some level of the educational process. Teaching was also in a classroom, but the way of testing was changed. Instead of classical exam on paper, students have an e-test on computer using Moodle 2 platform. The testing was performed in a classroom. Now, according to Coronavirus disease (COVID-19) situation all the process of teaching and testing are performed online using Microsoft team’s platform.

In this paper we will analyze statistically the results of the first and second partial exam for the subject Mathematics for the students from different academic year: one from academic year when the exams was performed in a classroom, the second one from academic year when the e-testing was introduced and the third one from academic year when the testing was online. The students who were tested are from different faculties at University “Goce Delcev”– Stip.

Keywords: COVID-19, exams, testing.

