

THE USE OF A SOFTWARE BUILT IN THE DELPHI PROGRAMMING ENVIRONMENT TO MIX TEST QUESTIONS WITH MULTI-ROW OBJECTS IN MICROSOFT WORD DOCUMENTS

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Abstract:

This article examines the issue of mixing test questions with multiple lines of objects in Microsoft Word documents and creating a test option. The advantages and disadvantages of transferring test questions involving multi-line objects to the test option using a program created in the Delphi programming environment are considered.

Keywords: Microsoft Word, Delphi, object-oriented text strings, General secondary school.

MICROSOFT WORD XUJJATLARIDA KO'P QATORLI OBYEKT QATNASHGAN TEST SAVOLLARINI ARALASHTIRISHDA DELPHI DASTURLASH MUHITIDA TUZILGAN DASTURDAN FOYDALANISH

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Annotatsiya:

Bu maqolada Microsoft Word xujjatlarida ko'p qatorlari obyekt qatnashgan test savollarini aralashtirish va test variant tuzish masalasi ko'rib chiqiladi. Ko'p qatorli obyekt qatnashgan test savollarini Delphi dasturlash muhitida tuzilgan dasturdan foydalanib test variantiga o'tkazish afzallik va kamchiliklari ko'rib o'tilgan.

Kalit so'zlar: Microsoft Word, Delphi, obyekt qatnashgan matnli qatorlar, Umumiy o'rta ta'lim maktabi.

Аннотация:

В данной статье рассматривается вопрос смешивания тестовых вопросов с несколькими строками объектов в документах Microsoft Word и создания варианта теста. Рассмотрены преимущества и недостатки переноса тестовых вопросов с участием многострочных



объектов в вариант теста с помощью программы, созданной в среде программирования Delphi.

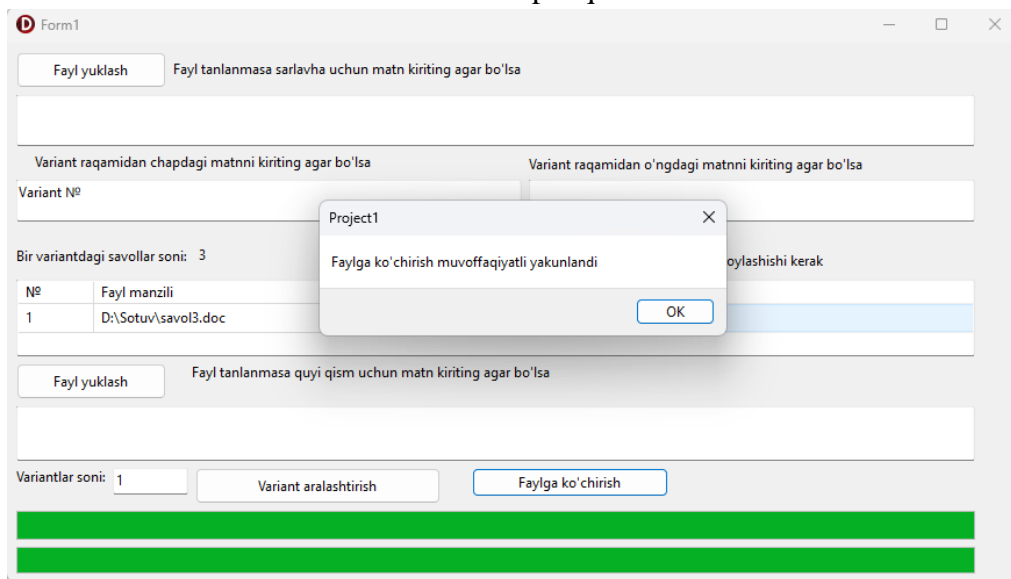
Ключевые слова: Microsoft Word, Delphi, объектно-ориентированные текстовые строки, общеобразовательная школа.

Introduction

Test questions are widely used to monitor the knowledge of general secondary school students. Such test questions are often based on choosing one of the standard 4 options. Test questions are often required to be entered in text form on online sites. For example, in the moodle system, the text format is also required in the Aiken format hemis system. However, the test questions are not only for online use but also for printed use. If the questions need to be written in editors such as notepad. In addition, the number of lines from which source the questions are taken will be strictly defined. But if tests are created in Microsoft Word based on the following example, it is convenient to save the bank of test questions and it will be possible to transfer to test options using the program created in the Delphi programming environment, which is improved compared to our previous program [4]. In each option, the correct answer is given after the question.



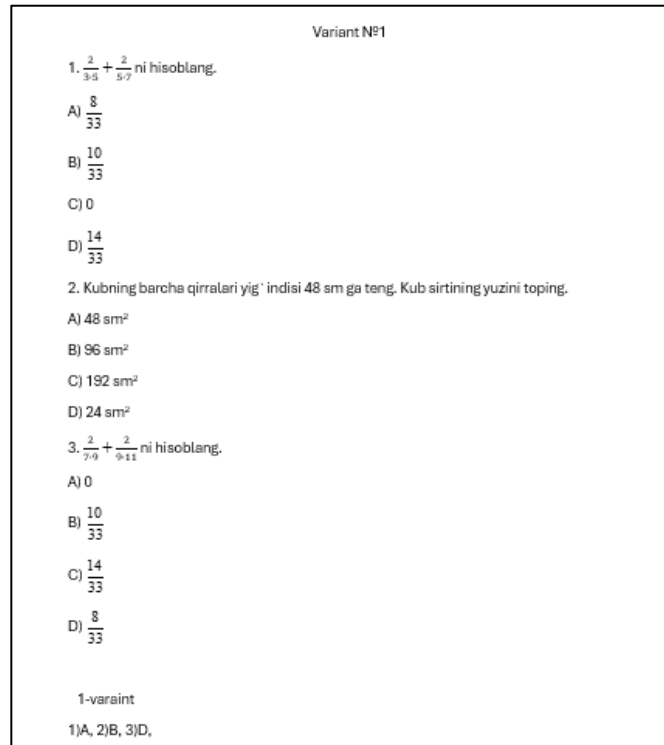
1-Pic. From the sample question bank



2-Pic. Program interface



After the fields shown in the picture above are filled in correctly, the Move to File command is selected. After that, a ready mixed test is created.



3-Pic. An example of a ready option

Certain Conditions

- In the question bank, the correct answer should appear in the first line after the question.
- Questions should be separated by blank lines.
- If the question and answer consist only of a picture or an object, 2 spaces should be left before and after it.

Advantages

- It is easier to prepare questions than services provided on websites.
- Supports multi-line questions and answers.
- Even if there is a Windows operating system and an optional MS Word version.
- Not only text but also pictures, formulas and objects can participate,

Disadvantage

- Works only on a computer with Windows operating system and optional MS Word version.
- Since the MS Word API is used, the speed of processing depends on the speed of the computer and the speed of MS Word.
- It is necessary to strictly follow the given template.
- You cannot copy files in other programs while the program is running.
- Can be a bit slow due to object handling.



This program can be a partial solution to the problems related to mixing questions. Since most of the pedagogues have the skills to work in MS Word, attention was paid to these aspects when creating the program.

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