PROGRAMMING SOFTWARE

NOMBRE :

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**I GET READY!**

1. HOW DO PROGRAMMERS CREATE NEW PROGRAMS?

PERFORM AN INFORMATION ANÁLISIS.

1. DESIGN SCREEN
2. CREATE PROGRAMING CODES.
3. SHOW YOU APPLICATION
4. .GIVE TECHNICAL SUPPORT

2 WHAT KINDS OF SOFTWARE HELPS PROGRAMMERS WRITE NEW PROGRAMS?

* WINDOWS
* PROGRAM LANGUAGES
* WORD
* INTERNET
* DATABASE
* EXCEL

PROGRAMMING SOFTWARE ALLOWS PROGRAMMERS TO DEVELOP NEW PROGRAMS. THE MOST BASIC PROGRAMMING SOFTWARE IS A SOURCE CODE EDITOR. THESE PROGRAMS ARE USUALLY BASIC TEXT EDITORS. PROGRAMMERS USE THEM TO ENTER LINES OF CODE INTO A COMPUTER. LINES OF CODE ARE WRITTEN IN A PROGRAMMING LANGUAGE. PROGRAMMERS USE THIS TO WRITE SERIES OF COMMANDS. WHEN EXECUTED TOGETHER, TFIESE COMMANDS FORM A COMPLETE PROGRAM. OTHER PROGRAMMING SOFTWARE ARE MORE COMPLEX. AN IDE (INTEGRATED DEVELOPMENT ENVIRONMENT) PROVIDES TOOLS FOR WRITING PROGRAMS. THESE USUALLY INCLUDE A TEXT EDITOR AND A DEBUGGER. OTHER TOOLS MAY INCLUDE A LINKER, A COMPILER, OR AN INTERPRETER.

**II. READ THE TEXTBOOK CHAPTER. THEN, MARK THE FOLLOWING STATEMENTS AS TRUE (T) OR FALSE (F).**

1 FALSE

2.TRUE

3.FALSE

**III MATCH THE WORDS (1 -6) WITH THE DEFINITIONS (A-F).**

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1 \_SOURCE CODE EDITOR ( F)

2 \_PROGRAM (B)

3 \_PROGRAMMING LANGUAGE (C)

4 \_\_PROGRAMMING SOFTWARE (A)

5 \_INTERPRETER(D)

6 \_\_COMPILER (E)

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A ANY SOFTWARE THAT SUPPORTS THE DEVELOPMENT OF NEW APPLICATIONS

B A SERIES OF OPERATIONS THAT CONTROL THE FUNCTIONS OF A COMPUTER

C CODES USED TO WRITE COMMANDS TO A COMPUTER

D AN APPLICATION THAT DECODES INSTRUCTIONS WRITTEN IN OTHER LANGUAGES

E SOMETHING THAT READS AND EXECUTES OTHER PROGRAMS

F SOFTWARE USED TO ENTER LINES OF CODED TEXT

**IV READ THE SENTENCE PAIRS. CHOOSE WHICH WORD OR PHRASE BEST FITS EACH BLANK.**

1

TEXT EDITOR / IDE

A. A(N) IDE USUALLY PROVIDES PROGRAMMERS WITH VARIOUS TOOLS FOR WRITING PROGRAMS.

B A(N) TEXT EDITOR IS A BASIC PROGRAM FOR ENTERING COMMANDS AND CODE INTO A COMPUTER.

2 DEBUGGER / LINKER

A- LINKER PROVIDES LINKS TO ADDITIONAL INFORMATION NEEDED FOR PROGRAMS TO RUN.

B - DEBUGGER FINDS AND CORRECTS ERRORS IN CODE

5 ¿ Listen and read the textbook chapter again. What tools does an IDE provide??

Respuesta:

text editor and a debugger. Other tools may include a linker, a compiler, or an interprete.

6 Listen to a conversation between two students. Choose the correct answers.

¿What is the conversation mostly about?

Respuesta:

B the difference between two types of computer programs

¿According to the woman, what is sometimes needed to run programs correctly?

A using a linker and a compiler together

7 Listen again and complete the conversation.

Respuesta

Student 1: Can you help me with something?

Student 2: Sure. What is it?

Student 1: I’m confused 1\_\_\_\_\_\_\_\_\_\_\_\_\_ © . between linkers and compilers.

Student2: Oka Well, 2 \_\_\_\_\_\_\_ .a program to information it needs from other programs.

Student 1: Wait, I thought an 3 \_\_\_\_\_\_ did that

Student 2: No. An interpreter just 4 \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ the program can run

Student 1: Okay. So then a compiler is 5 \_\_\_\_\_\_\_\_\_\_\_\_\_\_program instructions.

Student 2: Okay. So then a compiler is 5 \_\_\_\_\_\_\_\_\_\_\_\_\_\_program instructions.

Student1: I get it now. Thanks.

8 .

Student A: You are a student.

Talk to Student B about:

• terms you are confused about

• what you thought the terms meant

• what the terms actually mean

Respuestas:

dialogue

Miguel: hello

Luis: hello miguel

Miguel: can i help me

Luis: yes

Miguel:do you know what a text editor

Luis: text editors. Programmers use them to enter lines of code into a computer

Miguel : thank you

Luis: see you tomorrow in class

end