

2 Programming languages

C++



Java

.xml

.h,rc,.bml

Mr. Daniels,

As the head of the computer programming department, I feel that we need to update the department's resources. This includes our programmers. Most of our programmers are comfortable with the **C**, **C++**, and **Java computer languages**. We even have one programmer who can use **C#**. But we don't have anyone proficient in **Assembler**. I think we need some programmers who are familiar with it. That way, we can translate between programs more easily.

In addition, we have two programmers who specialize in **BASIC**. This language is in decline and will probably be phased out soon.

Some of our machines are getting older, too. A few computers need their **compilers** and **linkers** updated. Otherwise, they'll never be able to convert to **machine code** efficiently. One of our older **CPUs** cannot **multi-thread** very well. As you know, the programming department is very important to this company's future. Please help us stay updated.

Thanks,
Sarah Jennings

Get ready!

1 Before you read the passage, talk about these questions.

- 1 How does computer programming affect business?
- 2 Why is computer programming becoming more important?

Reading

2 Read the letter from the head of a computer programming department to her boss. Then, choose the correct answers.

- 1 What is the letter mainly about?
A purchasing more CPUs
B writing better computer programs
C learning new computer languages
D requesting updated resources
- 2 Which of these programming languages do the programmers NOT know?
A C# C BASIC
B Assembler D C++
- 3 What can be inferred about BASIC?
A It is used in Assembler.
B It is used less frequently than C++.
C It cannot be used by compilers.
D It is the most difficult to learn.

Vocabulary

3 Write a word that is similar in meaning to the underlined part.

- 1 He's writing a new language that computers can process.
C _ _ _ _ _ r _ _ _ _ u _ _ _
- 2 An object-oriented programming language is used often.
_ _ v _
- 3 I'd use a programming language that translates between programs. _ s s _ _ _ _ _
- 4 Many of the first PCs used an early programming language that is not widely used anymore.
_ _ s _ C
- 5 Harold often used a competitor to Java instead of Java. _ _
- 6 Do you know a programming language that adds capabilities to C? _ _ +
- 7 Linux® is created with a programming language that programs operating systems. _
- 8 The central processing unit is a computer's most important part. _ P _
- 9 A computer part that changes source code into machine code is essential to programming. _ _ _ _ _ e r