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**ENGLISH COMPONENT – CYCLE 3 SESSION 5**

**C# PROGRAMMING LANGUAGE**

**WORKSHEET 3.5**

**Worksheet 3.5.1**

**Write down A synonym or the translation for each word.**

**Vocabulary**

* Wide range of tasks**:**
* Niche**:**
* Core concepts**:**
* Interactive environment**:**
* Meet the rising demand**:**
* Community support**:**
* Learning curve**:**
* Static coding**:**
* Smooth**:**
* Tech giant**:**

**Worksheet 3.5.2**

**Read the definitions and write down the corresponding word!**

1. With so many cupcakes stores open, it is hard to find a competitive **\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_** in that market.
2. The teacher creates an **\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_** to help students learn in a dynamic way.
3. The first-year students received the **\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_** from the senior students.
4. I failed one of the difficult tests, but my teacher says that is part of the  **\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_** .
5. They had more and more clients every month, so they worked overtime during the weekend **\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_** .
6. The **\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**  analysis can remove any suspicious program on my computer.
7. Your skin feels **\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**  if you apply some lotion.
8. It is necessary for all programmers to learn the **\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**  of the programming. The basics are always important!
9. The regulatory bodies generally carry out **\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**  , including the following:
10. Be the industrial high- **\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**  , possessing advanced technologies and selling your weapons to other countries.

**Worksheet 3.5.3**

**First, read the text and underline/highlight the key words as you read. After that, create a Word Cloud with the key words you had chosen.**

**What is C# used for?**

C# programming language is a modern programming language. It derives its characteristics from its predecessors like C and C++. It can perform a wide range of tasks and processes across different niches.

Among other languages, C# is gaining huge popularity for developing web-based applications. Its core concepts help build an interactive environment and provide functionalities that the dynamic web platform requires.

Many developers choose this versatile language. It works on both platforms: [Windows .NET framework](https://dotnet.microsoft.com/download/dotnet-framework) and other open-source platforms. Therefore, it provides incredible efficiency and scalability.

**What is C# Programming Language**

Microsoft developed C# in 2000. It was built to meet the rising demand for web applications that Visual Basic(VB) and C++ can’t provide. Its architecture adopts the best features of Java and C++. As a result, developers who are well-prepared in C and C++ can shift to C# easily.

**What is C# used for?**

C# is a general-purpose programming language used to build different types of programs and applications. While it is exceptionally versatile, there are three fields where it is commonly applied:

**Web Application Development**

Regardless of the platform, you can still use the [C# programming language](https://www.geeksforgeeks.org/csharp-programming-language/). You can build dynamic websites and web apps using the .NET platform or other open-source platforms.

**Windows Applications**

Microsoft created C# for Microsoft. So, there is no question why it is popular in building Windows applications. It makes your development process smooth, and functionalities such as [C# garbage collection](https://stackify.com/c-garbage-collection/) perform excellently. Also, developers can count on the community support and

documentation of developing applications and programs that are specific to the Microsoft platform’s architecture.

**Games**

In the gaming world, developers prefer C# programming language. This language is particularly robust in building fan-favorite games. Also, the Unity game engine―one of the most popular game engines today―is built using C++ and C#.

**Advantages of C#**

**Faster Development Time**

The greatest advantage is its ability to save development time. It constantly helps developers and project owners to make the building process faster.

**Low Learning Curve**

Developers prefer C# programming language because it has a low learning curve. Developers spend less time learning C# compared to other programming languages. Its simplicity and easy-to-use features help new developers and those who want to learn a new language.

**High Scalability**

Software development requires easy-to-maintain and scalable programming languages. C# is a programming language that has these attributes. The strict nature of its static coding makes programs reliably consistent. This allows developers to make an easy adjustment and smooth maintenance.

**Huge Community Support**

Since tech giant Microsoft created C#, there is no question of why it has massive community support.  In the world of software development, having a community is essential. It’s where developers can seek help and insights. Programming languages aren’t a platform or service with a dedicated helpline or IT support.

**Worksheet 3.5.4**

1. Create a Word Cloud with the keywords you had chosen.

[**https://wordart.com/login?loggedout**](https://wordart.com/login?loggedout)

1. Answer the following questions. Use the key words in the questions to look for the answers in the text.

* Why is C# becoming so popular nowadays?
* What are the main fields in which C# is used?
* What are the advantages of C#?
* Why does C# have huge community support?

**Worksheet 3.5.5**

**FILL OUT THE FOLLOWING SELF-EVALUATION SECTION.**

1. Entiendo qué es C#.

**Yes 😃 Maybe 😐 No 😟**

1. Entiendo cuales son las ventajas de C#.

**Yes 😃 Maybe 😐 No 😟**

1. Entiendo en qué consiste la estrategia Locate Key Words.

**Yes 😃 Maybe 😐 No 😟**

1. La estrategia Locate Key Words me ayuda a entender un texto mejor.

**Yes 😃 Maybe 😐 No 😟**