

ENGLISH FOR IT

#6 Development



Анастасія

Викладач Englishdom

Сертифікати: TOEFL

Досвід викладання - 5 років

[ju:] H i[haɪ] how [haʊ] are

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Warm up



Try to spell the word “incomprehensibility” (this word set the record in the 1990s as the longest word “in common usage”).

Do you know what it means?

Have you ever used it?

What things come to your mind when you think of something truly incomprehensible?

Warm up



If you can't describe what you are doing as a process, you don't know what you're doing.

W. EDWARDS

you [ju] with

Vocabulary

Compiler – is a computer program that translates computer code written in one programming language (the source language) into another language

Contribute – to give (something, especially money) in order to help achieve or provide something



Compiler takes your code and transforms it into executable machine code files.



We strongly believe that each member of the company can **contribute** to the future of the project.

you [ju] H

Vocabulary

Inheritance – something that is or may be inherited

Duplicated code – is a repetition of a line or a block of code in the same file or sometimes in the same local environment

Invent – to design or create something that did not exist before



One object can acquire all of a parent object's properties and actions through the technique of **inheritance** in Java Programming.



Duplicated code in software development can result in errors and can make the maintenance of the system more difficult.



The technology company was able **to invent** a revolutionary new software program that greatly improved information management.

Vocabulary

Inception – is an act, process, or instance of beginning: commencement

Elaboration – the process of developing or presenting a theory, policy, or system in further detail

Embedded software – is computer software, written to control machines or devices that are not typically thought of as computers



Since its **inception**, the program has been plagued by problems.



The **elaboration** of the project budget showed a high level of transparency.



The simplest of **the embedded software** example is a TV remote control or a digital camera.

Vocabulary

Object-oriented programming – is a computer programming model that organizes software design around data, or objects, rather than functions and logic

Parse – is to divide (a sentence) into grammatical parts and identify the parts and their relations to each other

Readability – is the ease with which a reader can understand a written text

Workflow – the way that a particular type of work is organized



Object-oriented programming (OOP) creates objects that contain data and functions.



Computers **parse** through the data to extract the most interesting plays.



The **readability** of the front page has been approved by a programmer.



It combines content management with **workflow** tools that automate business processes.

Get to know

Job titles

Coders are people who can write some code that compiles and runs, which will do something they want when it's given the right inputs. This could be a program, a script, some classes or a library.

Developers are programmers to a greater or lesser extent. They are same as programmers, but they are not experts like programmers and they perform general development and designing like web designers and developers.

Software Engineers design and make new software and contribute in their engineering. An engineer position would usually imply that you are a developer who has a specific type of degree, some knowledge of engineering, and is capable of designing a system.

Programmers write awesome code. Programmers do not develop or design or invent anything new just use existed languages like html, css and python, and they are experts in those languages.

Get to know



Could you explain the difference between a developer and a programmer?



Job titles and descriptions may vary, depending on the organization.



Simple programs can be written in a few hours, more complex ones may require more than a year of work.

Get to know

The Rational Unified Process is a process that describes who is doing what, how, and when.

- Workflows, the “when”
- Activities, the “how”
- Workers, the “who”
- Artifacts, the “what”

This process divides the development process into four phases:

- Inception
- Elaboration
- Construction
- Transition



May we skip the inception stage in RUP?



The elaboration phase is where the project starts to take shape.



In transition phase the main goal is to 'transit' the system from development into production.

Get to know

Rules for Present Perfect

Active Voice

We use

Subject + verb + object

Have \ has + III form of Verb

They have developed and launched their app this morning.

The project manager has not written our workflow yet.

Has Ted fixed the bugs yet?

Passive Voice

We use

Object + verb + subject

Have been \ has been + III form of Verb

The app has been developed and launched by them this morning.

Our workflow has not been written by the project manager.

Have the bugs been fixed by Ted?

Get to know

Утворення Passive: Perfect

Have → Been V3
Has



The compiler has **already** been installed successfully. Launch it now.



New functionality has **just** been added to the program with this release.



Have you been **already** given an access to the workflow task list?



Client's request has **just** been turned in already.

Game



Count the number of used Passive Perfect

This year, software developments have been tapped to help society do everything from building apps with zero IT experience to monitoring patients in hospitals to tracking social distancing in the workplace.

Internet of Things brings a lot of opportunity for innovation, some concerns have been raised, especially around security. No doubt web developers will have interesting challenges to face—helping to protect our fittings and furnishings from hackers.

In the past, software developers were expected to have an academic background and training. But, in today's hiring climate, nearly 80% of HR professionals are open to hiring individuals who have been self-taught or trained in a bootcamp-style course.

The majority of the buzz surrounding blockchain technology has been focused on cryptocurrency. But, the technology has implications for the software development industry as well.

Game



Answers

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Game 2

Give rhymes (and write them down) to these words:

1 invent

4 workflow

2 inception

5 elaboration

3 transition

you [ju] Hi[hai] how [hau] are [ə]

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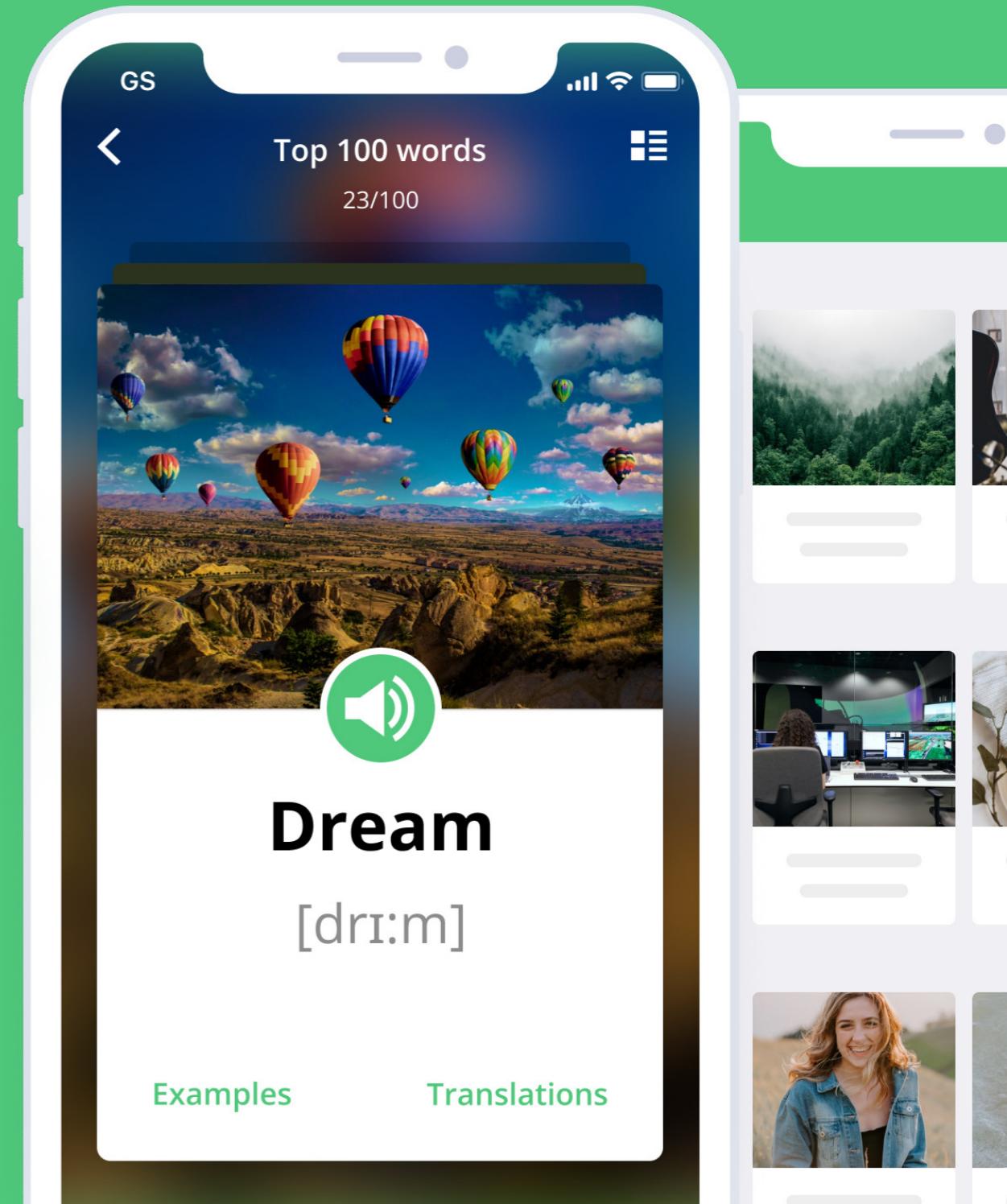
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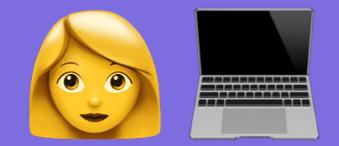
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БЕЗКОШТОВНИЙ ПРОБНИЙ УРОК

Useful links

Набір слів [Development](#)

Практика [Development](#)

Стаття [12 Common Software Development Obstacles And How To Tackle Them](#)

Стаття [Systems development life cycle](#)

TED-відео [How to Get Your Brain to Focus](#)

TED-відео [Don't Just Learn To Code, Learn To Create](#)

Відео [Warren Buffett | One of the Best Motivational Speeches](#)

Thank you for your attention!

Do you have any questions?

Please feel free to send them to our chat!



[j u] H i [hʌɪ] how [haʊ] are