

An abstract, low-poly geometric pattern in shades of purple and magenta, composed of numerous interconnected triangles and lines, creating a complex, crystalline structure. It is positioned behind the text 'What is Creative Coding?' and 'VA345 Creative Coding'.

What is Creative Coding?

# VA345 Creative Coding

Course Instructor : Assist. Prof. Dr. Selcuk ARTUT

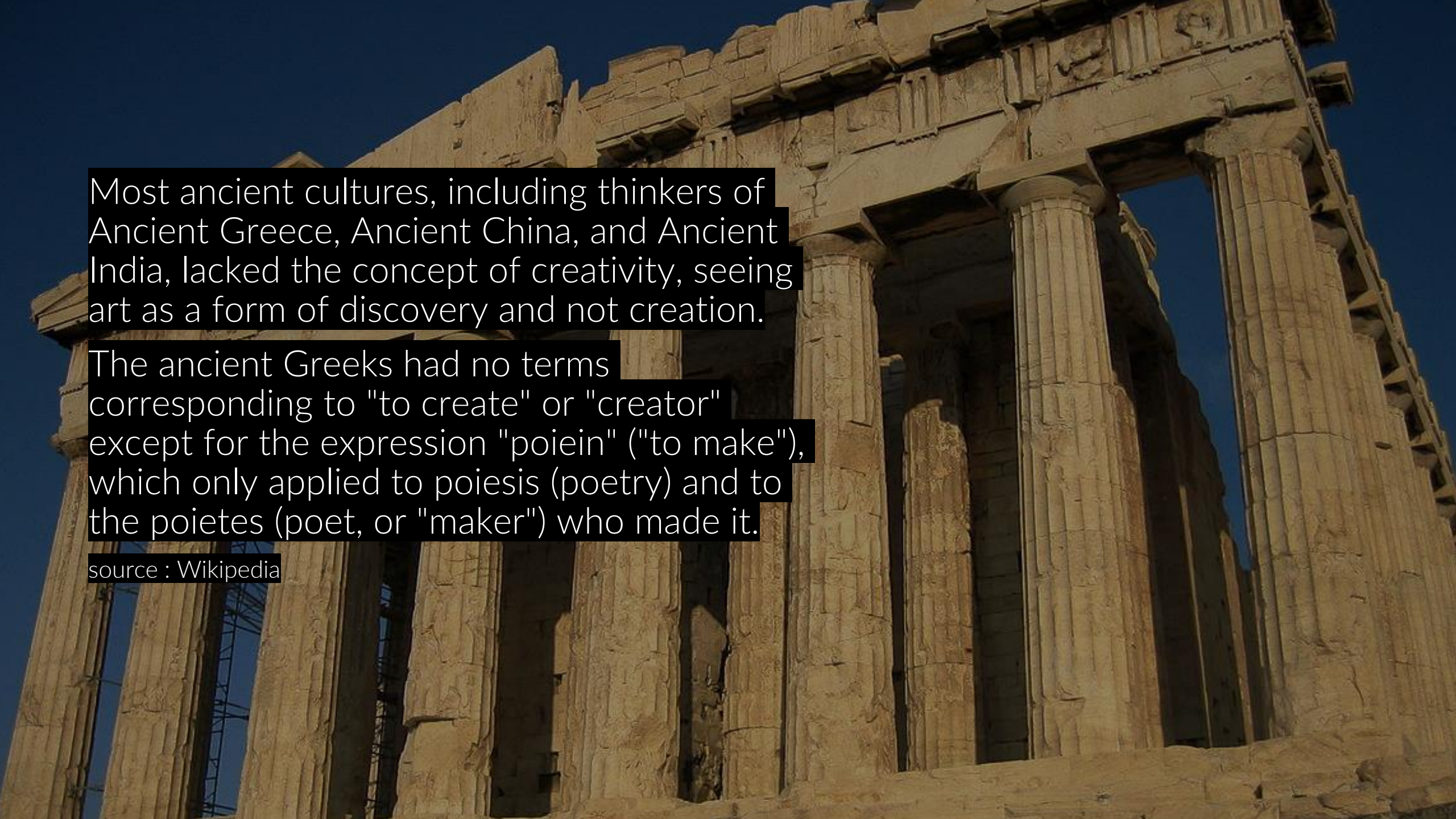
A dramatic night sky with a dark, stormy atmosphere. A bright, jagged lightning bolt strikes down from the upper center, illuminating the surrounding clouds. The foreground is a dark silhouette of a treeline or landscape. The text is centered in a white, sans-serif font on a black rectangular background.

# Introduction

## Focus on Syllabus

Creativity

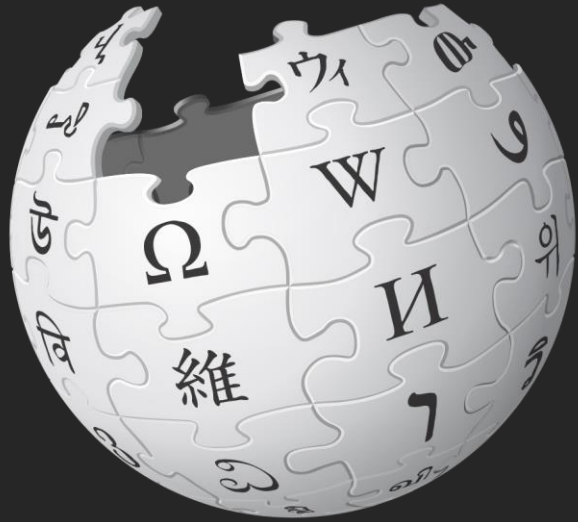




Most ancient cultures, including thinkers of Ancient Greece, Ancient China, and Ancient India, lacked the concept of creativity, seeing art as a form of discovery and not creation.

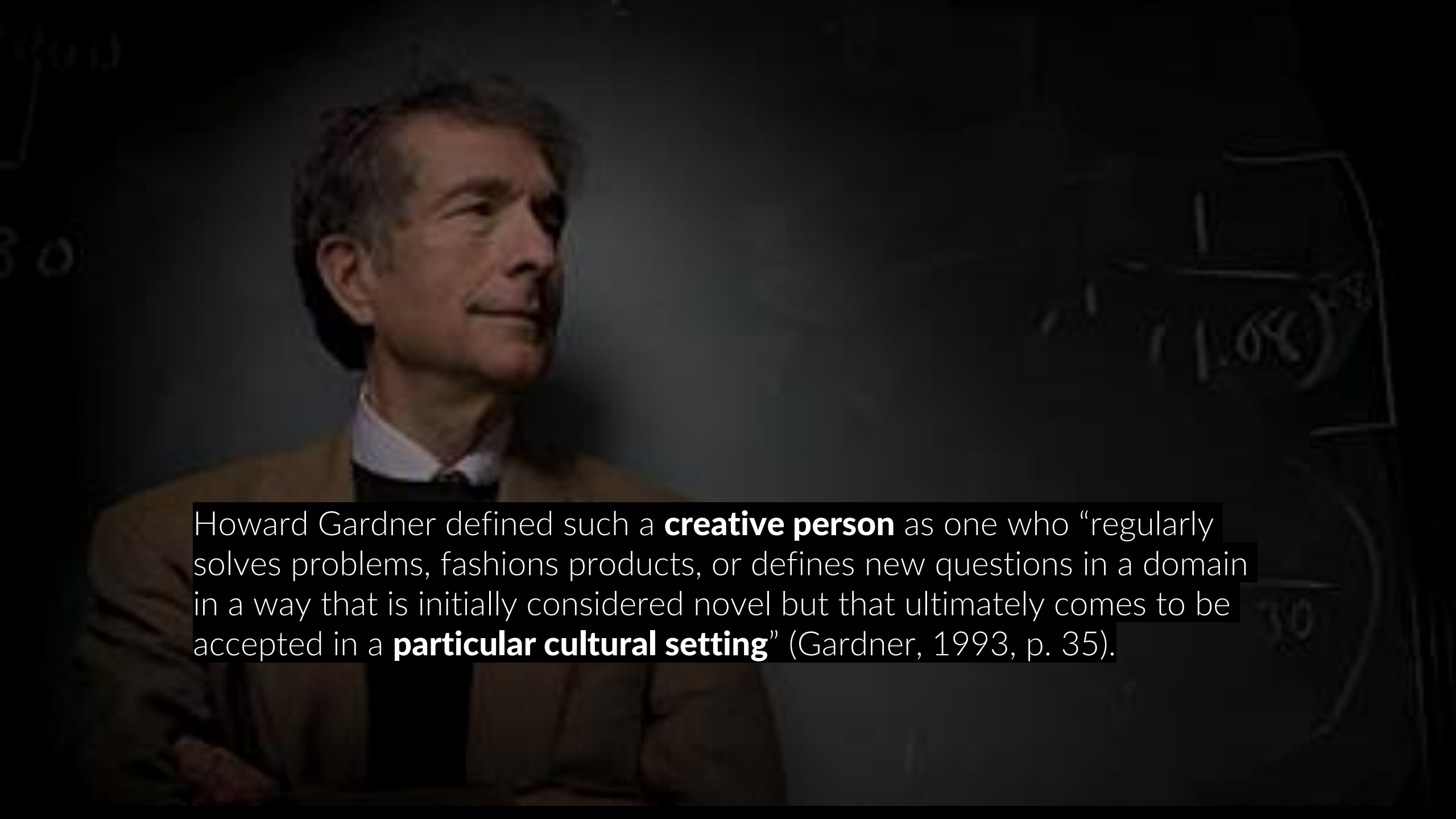
The ancient Greeks had no terms corresponding to "to create" or "creator" except for the expression "poiein" ("to make"), which only applied to poiesis (poetry) and to the poietai (poet, or "maker") who made it.

source : Wikipedia

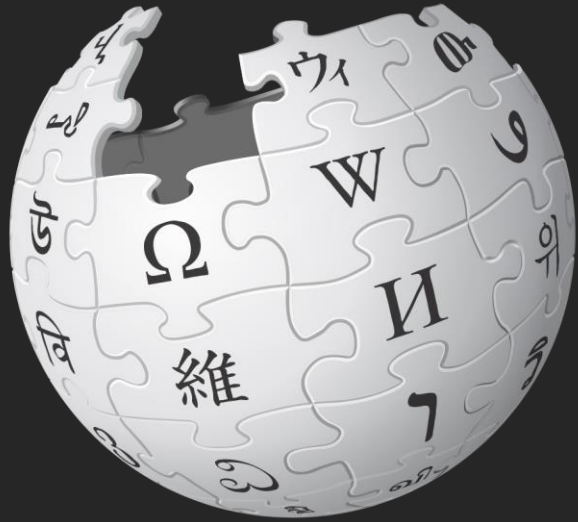


WIKIPEDIA  
The Free Encyclopedia

**Creativity** is a phenomenon whereby something new and somehow valuable is formed. The created item may be intangible (such as an idea, a scientific theory, a musical composition, or a joke) or a physical object (such as an invention, a literary work, or a painting).

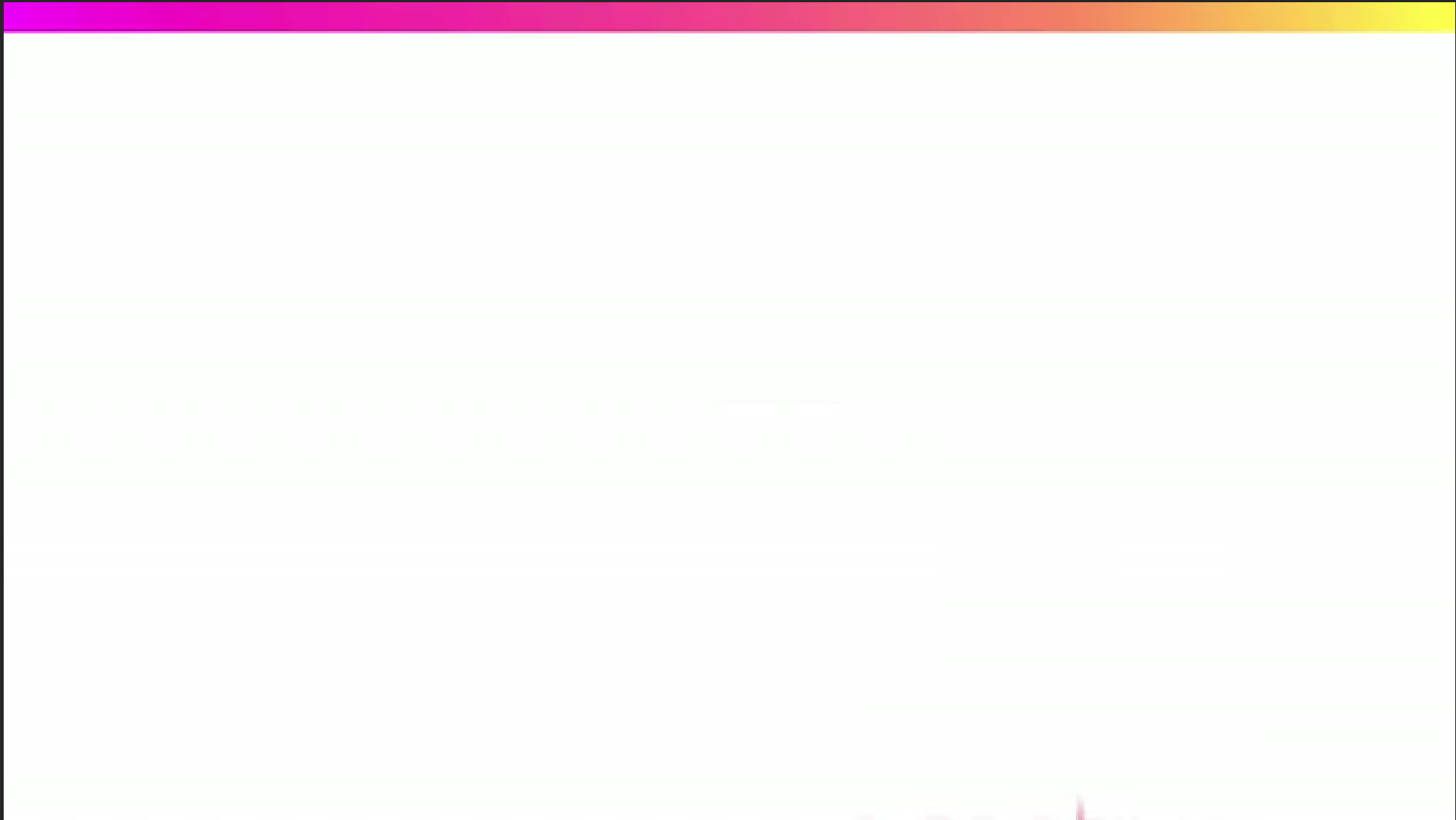
A medium shot of Howard Gardner, a man with grey hair, wearing a brown blazer over a white shirt and a dark tie. He is looking slightly to his right with a thoughtful expression. The background is a dark chalkboard with faint, illegible chalk markings.

Howard Gardner defined such a **creative person** as one who “regularly solves problems, fashions products, or defines new questions in a domain in a way that is initially considered novel but that ultimately comes to be accepted in a **particular cultural setting**” (Gardner, 1993, p. 35).



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**Creative coding** is a type of computer programming in which the goal is to create something expressive instead of something functional.





# Creative Coding vs Computational Creativity

Recently the PROSECCO research network has defined computational creativity as “an emerging field that studies and exploits the potential of computers to be more than feature-rich tools, and to act as autonomous creators and co-creators in their own right.

In a CC system, the creative impetus comes from the machine, not the user, though in a hybrid CC system a joint impetus may come from both together.”.

A black and white close-up portrait of Vilém Flusser. He is an elderly man with a full, white beard and mustache. He is wearing thick-rimmed glasses. His face is wrinkled, and he has a slight smile. The background is out of focus.

Vilém Flusser -  
1988 interview  
about technical  
revolution  
(intellectual level is  
lowering)

On writing, complexity and the technical revolutions  
Interview in Osnabrück,  
European Media Art Festival,  
September 1988

Let's  
Art Together



Video Lecture by Casey Reas

History of the Future, Art & Technology from 1965 - Yesterday

Casey REAS (born 1972), is an artist whose conceptual, procedural and minimal art works explore ideas through the contemporary lens of software.

Reas is best known for having created, with Ben Fry, the Processing programming language.

He has shown his work at the Whitney Museum of American Art's artport, Ars Electronica in Austria, ZKM in Germany, Transmediale in Berlin, GAFFTA in San Francisco, Uijeongbu International Digital Art Festival in Korea, the Danish Film Institute, bitforms gallery in New York and Seoul, IAMAS and ICC in Japan, the Microwave International Media Art Festival in Hong Kong, and the Sonar Festival in Barcelona.

