



Computer Programming Club

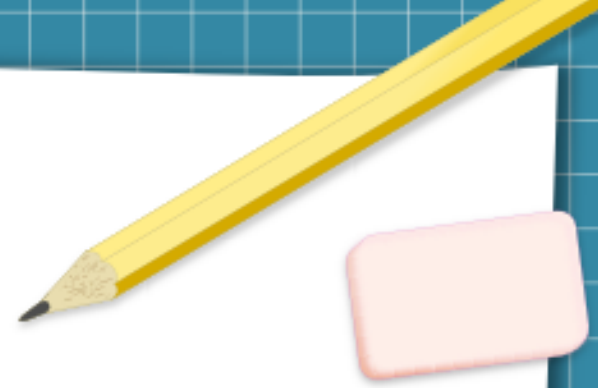
Teacher: Mwl. Gibson (PJ)

Today you will learn:

1. Class guidelines
2. What computer programming is
3. Pros/Cons of computer programming
4. Computer programming process
5. Class Structure



Club Guidelines



This is not a class, this is a club

Sometimes I will teach you, but ~~examinations~~

If you have a question, raise your hand and ask the question

Respect your fellow students

Do not get too loud

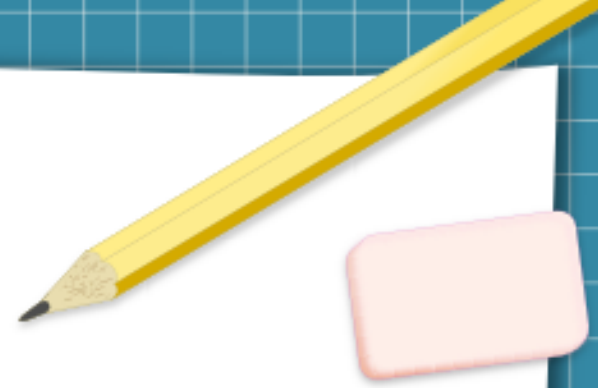
Discussion

What is computer programming?

- Talk with a neighbor (2 minutes)
- Talk with the class (3 minutes)

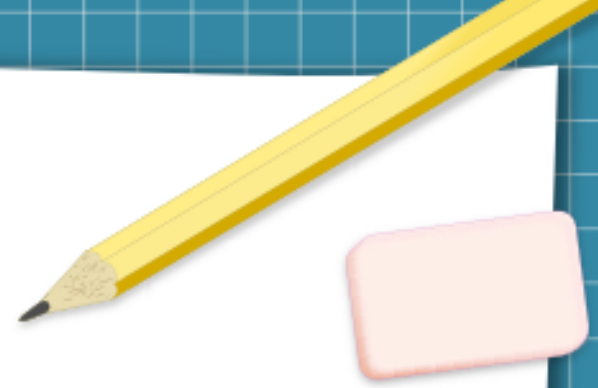
Benefits:

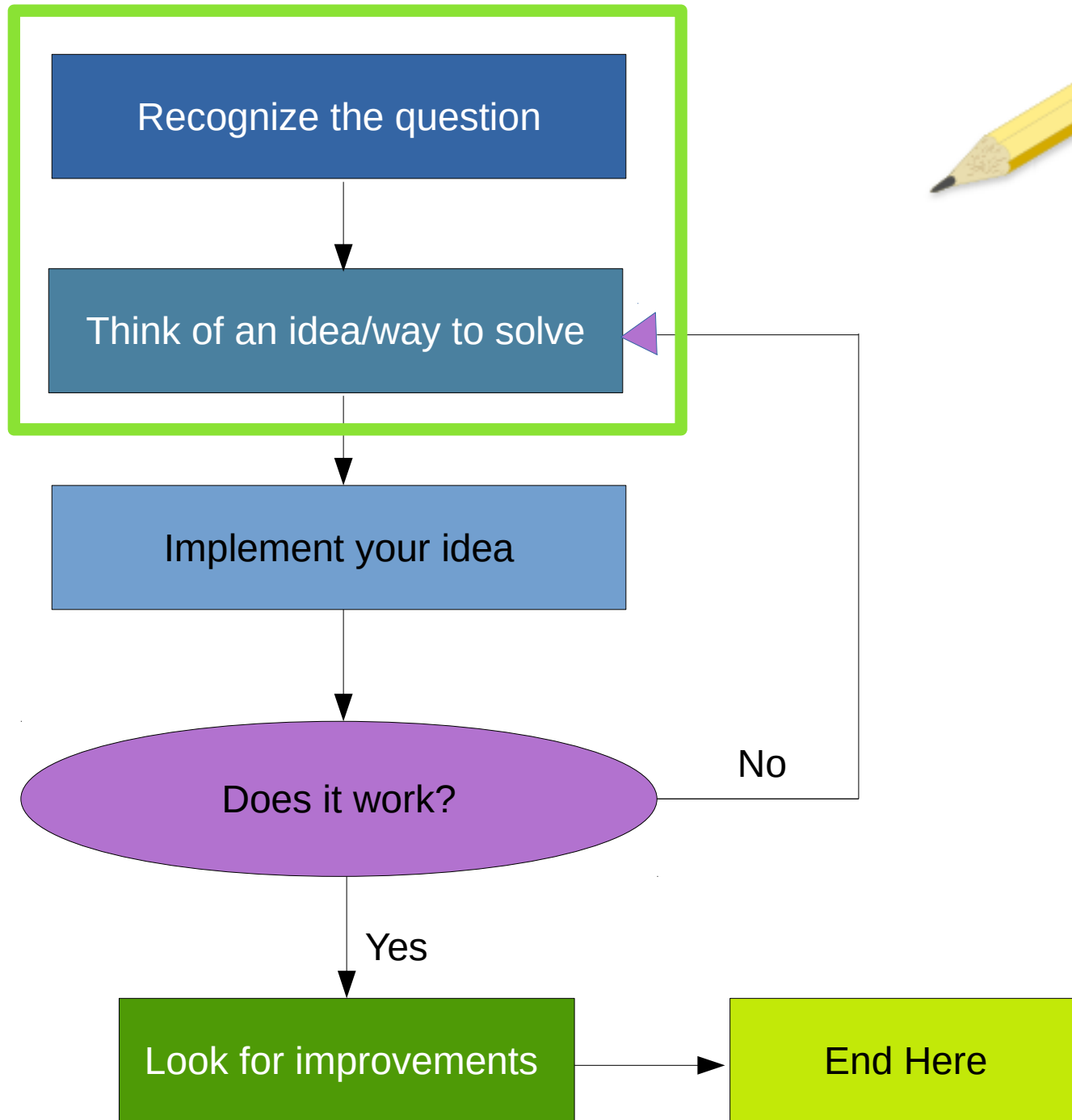
- Increases critical thinking skills
- Increases creativity
- You can solve almost any problem
- Saves time
- Any question you have has a solution online



Drawbacks / Negatives:

- You do not learn it in 1 day
- Coding is typically in English
- You need a computer
- It helps to have Wi-Fi
- It helps to type fast (something good to learn)





Requirements

- Knowledge of English
- Knowledge of Input
- Knowledge of Output

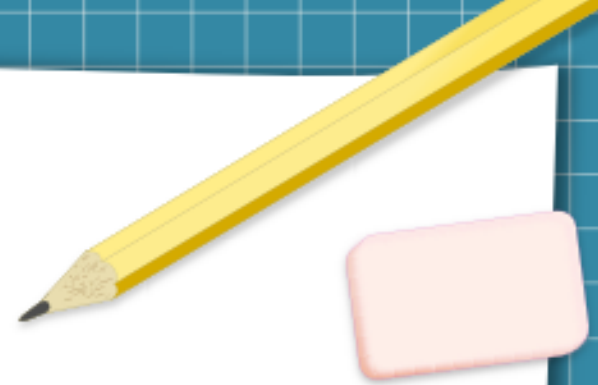
Recognize the question



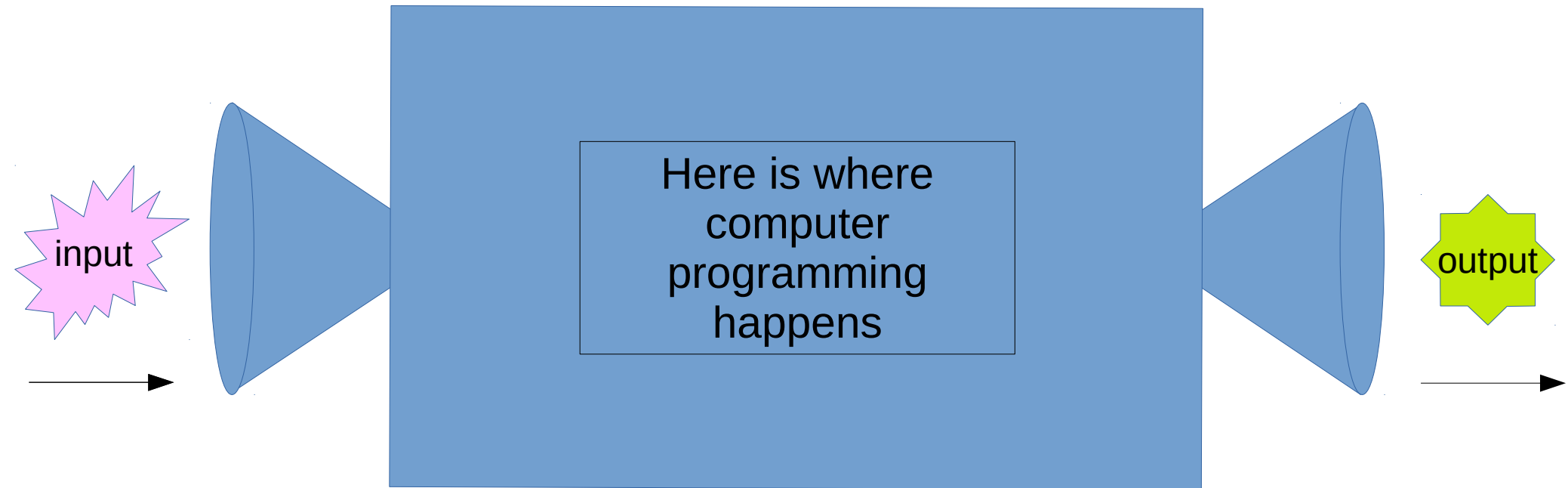
Think of an idea/way to solve

Requirements

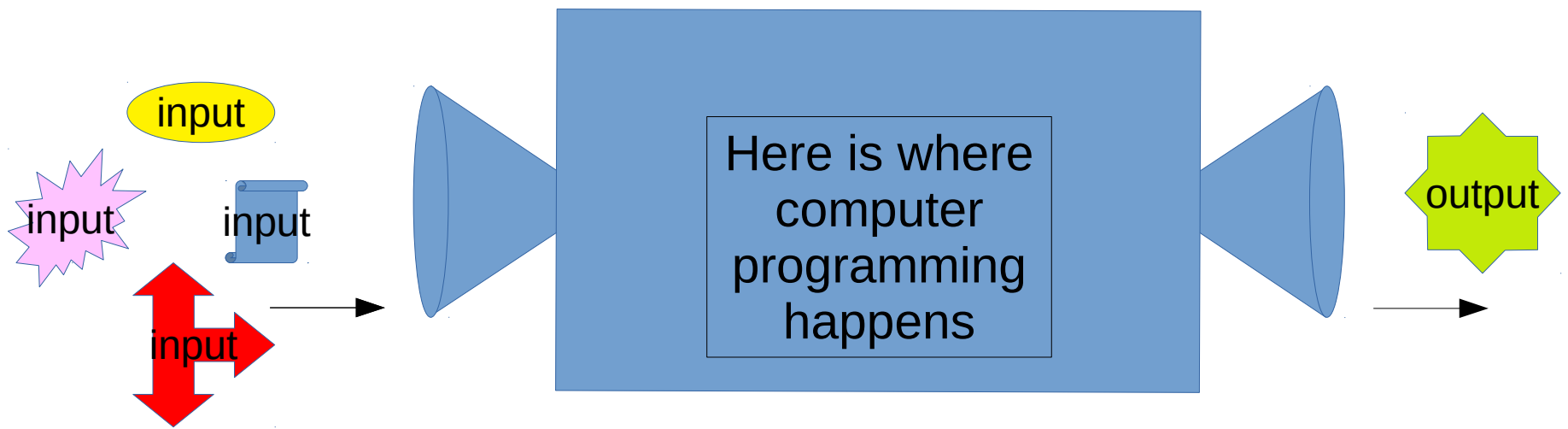
- Critical thinking
- Creativity
- Knowledge of computer programming limitations
- A plan!



The Coding Machine



The Coding Machine

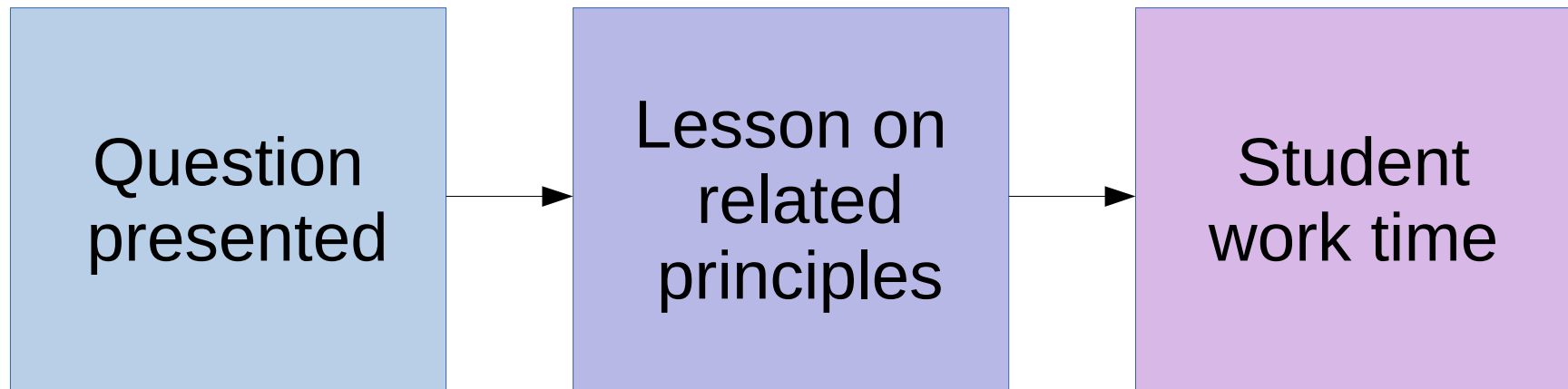
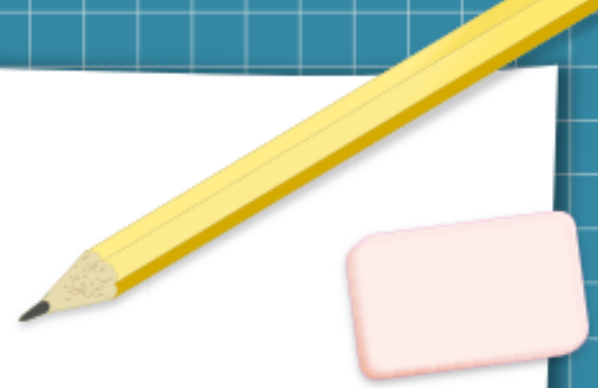


Patience

“ It’s a virtue ”

Club Structure

~ 1 hour



- Think
- Write/Draw
- Individual work
- Ask questions (on anything)

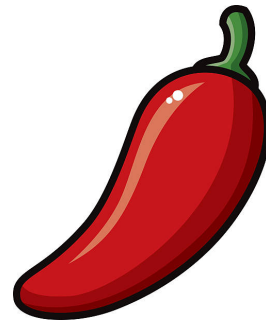
Discussion

1. What things do you want in life?
2. How can computer programming help with this?

Discussion

3. What other things do you want to learn about computers?

Ideas:



Chili Meter

More Chilis , More difficult

How to use Google search



Computer care



Passwords / Security



File management



Reliable Sources / Citation



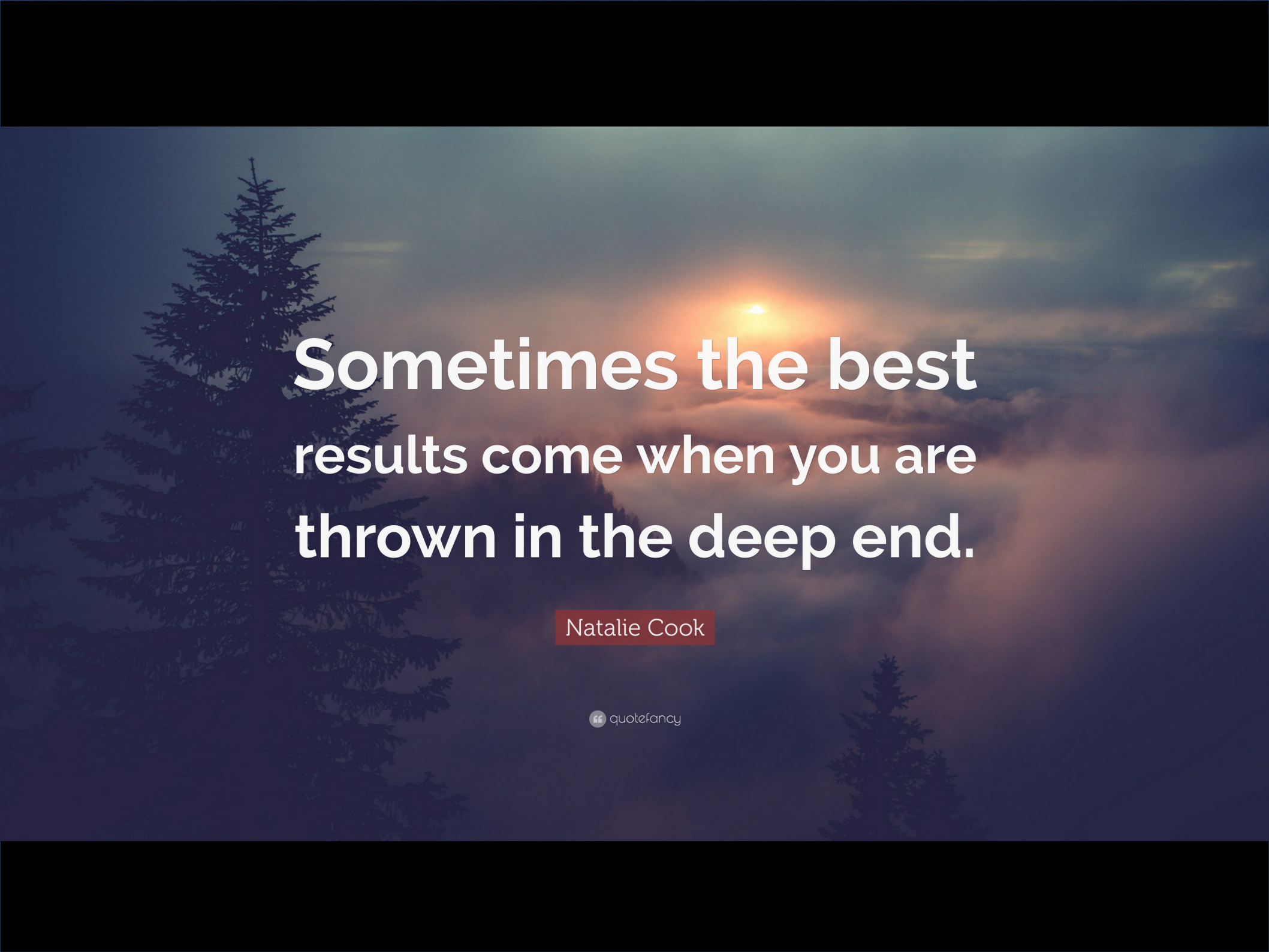
Website creation



“Be Humble”


-Kendrick Lamar



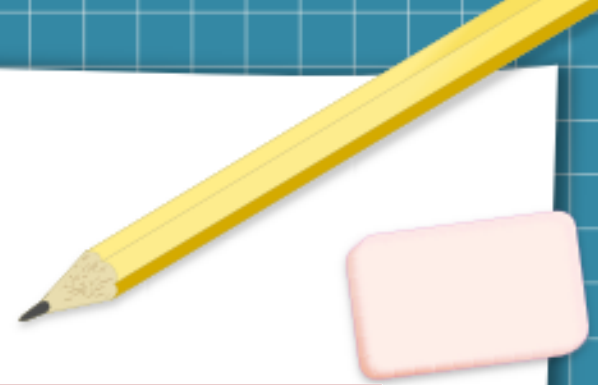


Sometimes the best
results come when you are
thrown in the deep end.

Natalie Cook

 quotefancy

Ask me good questions



Good

- Is this a good way to start?
- Can you do this in computer programming?
- Can you please give me a question or two to help me start thinking?

Bad

- How do you do this?
- What is the answer?
- I was not listening before, could you teach me again?
- I missed last meeting, could you teach me privately?