

Way Of Learning

So, let us jump back to the math exercise from the first section.

20 * _____ + _____ = 65535

Why did we calculate the math task like this?

We performed the calculation the way we learned it. That means we will use the patterns we have been conditioned to use. At this stage, as in the previous example with the calculation, we used the information we already had. This art of thinking, called "**Outside the box**," is an essential part of the "hacker mindset", or the way we must think as penetration testers to solve complex problems. Thinking outside the box means seeing things outside of the limitations placed on us. This means we have to be able to "pivot." We have to focus on so many different technologies during our penetration tests that it can become confusing and frustrating when we do not understand some things.

A problem is an emotional state. Without emotions, it is just a situation.

In other words, frustration and confusion come with the point of view we are looking at. The learning process is not just a theoretical and practical part. It is also our learning process and progress that largely depends on our **emotional state**. If we feel good and we know we will reach our goal, we will be successful.

Another essential part that makes you successful is that you **know your goal**. Imagine the following scenario:

You're standing still in a room, and your instructor instructs you to move across the room, and you start moving. After a while, the instructor put a chair in your way. What will you do? - You may sit down on this chair.

Now let us change the scenario a little bit.

Your instructor instructs you to move to the other corner. We start moving, and the instructor puts a chair in our way again. What will we do? You will pass the chair and continue moving forward to the corner because you know your goal.

The big difference between these two scenarios is that we **know our goal** and know how we have to move on. We will overcome the obstacles which are put in our way. If we do not have a goal, we will stop at the first obstacle. Without a goal, we will be disoriented moving from one topic to another.

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Optional Exercise:

Write down the goal you want to achieve with this course as precisely as possible. Try to break it down and describe it in 500 words at most.

Table of Contents

Mindset

Way Of Thinking	✔
Think Outside the Box	✔
Occam's Razor	✔
Talent	✔

Learning Dependencies

Way Of Learning

Learning Efficiency

Learning Types

The Brain

The Will

The Goal

Decision Making

Learning Overview

Documentation

Organization

The Process

Focus


Attention

Comfort

Obstacles


Questioning

Handling Frustration

 Learning Progress

My Workstation

O F F L I N E

 Start Instance

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