

# Knapsack Winner

Your way to break down your barriers

Even if it's Elon Musk

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# Game OverView

## **Philosophy**

This game is trying to give you one of the best practice to your brain and how to think about the future possibilities

# **Common questions**

#### What Is the game?

In each step of the game you need to pick one item out of three items, for each item you have weight and price.

the goal is to collect the best price and lowest weight.

Why create this game?

The game's main goal is to brain your brain to be faster before taking decisions.

#### What do I control?

As a player you control in each step which item to pick.

What is the main focus?

After 8-10 steps you have a station, to bass it you sell items from your bag. As a player you need t collect the best price and to sell the closet sub group to the station ticket price.

#### Feature Set

#### **General Features**

3D graphics

32-bit color

## Gameplay

In each step the game will be harder because the "goodness" of the items will be closer one of the best things of the game that there is non-poly algorithm to find the best item but in the same time you as a player knew what is the sum of prices and weights of the next rounds of the same station.

## The Game World

#### Overview

The main character is a truck driver who's trying to travel from Poland to Spain using his truck to collect the tickets prices, between every two countries to pass the station you will know the ticket price.the truck's capacity is 1000 KG.

### **Tour around Europe**

Our player is traveling from Poland to Spain, in each country deferent items will be showing which depend on the country and the main works on it.

# Single Player Game

# **Story**

As we mentioned the main character is a truck driver who need's to go back to his country "Spain" by using his truck to collect all kind of stuffs and then sell them, the truck can't pass new station unless the sum of the items the player collected is at least as the ticket's price.

# **Victory conditions**

The game includes 6 stations ,passing each station make you closer to win the game.because it means you are in Spain now.