

TEAM “Efreet”

WELL-BALANCED TEAM OF ENTHUSIASTS

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|-------------------|-----------------|
| Васил Сарандев | Wasilsarandev |
| Георги Кермекчиев | jokerbg |
| Георги Петков | BladeScar |
| Даниел Карадалиев | Daniel_Karadali |
| Емил Петков | petkov_e |
| Иван Иванов | Nafarfu |
| Илиян Атков | IlIan987 |
| Пламен Тодоров | plamenvt |
| Христо Славов | h.slavov |



<https://github.com/EfreetTeam/PacManStyle>

Objectives

The project is a maze-based console game and the main objective of the game is to collect treasures while you try to avoid getting caught by the angry trainers

Every time you collect a treasure it spawns a new one on a random location across the maze

Game Code

- **More than 20 methods**
- **Three mazes with different sizes and ASCII Art Intro and End screens – external .TXT**
- **The nasty Trainers are changing direction every time they reach a wall – collision detection**
- **The player has three lives and every time he meets a Trainer he must begin from starting position**
- **Audio support for key events – Intro, End, Treasure collection and for ... being caught by Trainer – ALL audio samples are custom-made**

Other ideas / ToDos

- **Implementation of Dijkstra's algorithm on the bots to find the shortest way to reach the player – this will look like chasing game**
- **Implementation of BOSS FIGHT, e.g. at every 5 treasures:**
 - **extra bots appear**
 - **and / or speed increases**
 - **and / or Dijkstra chasing starts**