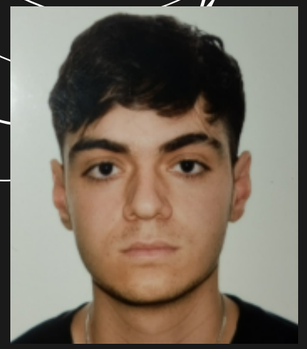
Daniel salazar Perdomo

Carlos Pacheco garcía



Tomás Báez Nuez

Jorge Vega Rodriguez

TASK-MANAGER CODE

BY BANDIT HUNTERS

THE PROBLEM

We have a problem: we accumulate too many tasks, and it becomes difficult to organize them.
To solve this, we have created a Task Manager, a program that allows you to easily add, list, complete, and delete tasks.
Thanks to this code, managing our tasks will be easier, faster, and more organized.

```
show_menu() -> None:
"""Print the main menu options for the task manager."""
print("\n--- Task Manager ---")
print("1) Add task")
print("2) List tasks")
print("3) Mark task as done")
print("4) Delete task")
print("5) Exit")
```

OBJETIVOS

Crecimiento

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Ganancias

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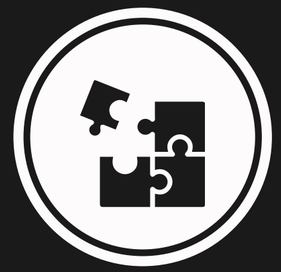

Rentabilidad

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GOOGLE COLAB

Google Colab

```python
from typing import List, TypedDict
class Task(TypedDict):
    """Represents a single task with a description and completion status."""
    description: str
    done: bool
def show_menu() -> None:
    """Print the main menu options for the task manager."""
    print("\n--- Task Manager ---")
    print("1) Add task")
    print("2) List tasks")
    print("3) Mark task as done")
    print("4) Delete task")
    print("5) Exit")
def list_tasks(tasks: List[Task]) -> None:
    """Display all tasks with their index and completion status."""
    if not tasks:
        print("There are no tasks yet.")
        return
    for index, task in enumerate(tasks, start=1):
        status: str = "✓" if task["done"] else "✗"
        print(f"{index}. [{status}] {task['description']}")
def add_task(tasks: List[Task]) -> None:
    description: str = input("New task description: ").strip()
    if not description:
        print("The task description cannot be empty.")
        return
    tasks.append({"description": description, "done": False})
    print("Task added successfully.")
def ask_for_task_index(tasks: List[Task], prompt: str) -> int | None:
    if not tasks:
        print("There are no tasks to choose from.")
        return None
    list_tasks(tasks)
    try:
        user_input: str = input(prompt)
        task_number: int = int(user_input)
    except ValueError:
        print("You must enter a valid number.")
        return None
    if 1 <= task_number <= len(tasks):
        return task_number - 1
    print("That task number does not exist.")
    return None
```

SCRUM

SCRUM MEETING