

```
import os

from swarms import Agent, SequentialWorkflow

from swarm_models import OpenAIChat

from dotenv import load_dotenv
```

```
load_dotenv()
```

```
# Load the environment variables
```

```
api_key = os.getenv("OPENAI_API_KEY")
```

```
# Initialize the language agent
```

```
llm = OpenAIChat(
    temperature=0.5,
    model_name="gpt-4",
    openai_api_key=api_key,
    max_tokens=4000,
)
```

```
# Initialize the agent with the language agent
```

```
agent1 = Agent(llm=llm, max_loops=1)
```

```
# Create another agent for a different task
```

```
agent2 = Agent(llm=llm, max_loops=1)
```

```
# Create another agent for a different task
```

```
agent3 = Agent(llm=llm, max_loops=1)
```

```
# Create the workflow
```

```
workflow = SequentialWorkflow(max_loops=1)
```

```
# Add tasks to the workflow
```

```
workflow.add(
```

```
    agent1,
```

```
    "Generate a 10,000 word blog on health and wellness.",
```

```
)
```

```
# Suppose the next task takes the output of the first task as input
```

```
workflow.add(
```

```
    agent2,
```

```
    "Summarize the generated blog",
```

```
)
```

```
# Run the workflow
```

```
workflow.run()
```

```
# Output the results
```

```
for task in workflow.tasks:
```

```
    print(f"Task: {task.description}, Result: {task.result}")
```