

```
import os
```

```
from dotenv import load_dotenv
```

```
from loguru import logger
```

```
from swarm_models import OpenAIChat
```

```
from swarms.agents.create_agents_from_yaml import (  
    create_agents_from_yaml,  
)
```

```
# Load environment variables
```

```
load_dotenv()
```

```
# Path to your YAML file
```

```
yaml_file = "agents.yaml"
```

```
# Get the OpenAI API key from the environment variable
```

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

```
# Create an instance of the OpenAIChat class
```

```
model = OpenAIChat(  
    openai_api_key=api_key, model_name="gpt-4o-mini", temperature=0.1  
)
```

```
try:
```

```
# Create agents and run tasks (using 'both' to return agents and task results)

task_results = create_agents_from_yaml(
    model=model, yaml_file=yaml_file, return_type="tasks"
)

logger.info(f"Results from agents: {task_results}")

except Exception as e:
    logger.error(f"An error occurred: {e}")
```