

```
import os
```

```
from dotenv import load_dotenv
```

```
from swarms import Agent, Task, OpenAIChat
```

```
# Load the environment variables
```

```
load_dotenv()
```

```
# Define a function to be used as the action
```

```
def my_action():
```

```
    print("Action executed")
```

```
# Define a function to be used as the condition
```

```
def my_condition():
```

```
    print("Condition checked")
```

```
    return True
```

```
# Create an agent
```

```
agent = Agent(
```

```
    llm=OpenAIChat(openai_api_key=os.environ["OPENAI_API_KEY"]),
```

```
    max_loops=1,
```

```
    dashboard=False,
```

```
)

# Create a task

task = Task(

    description=(

        "Generate a report on the top 3 biggest expenses for small"

        " businesses and how businesses can save 20%"

    ),

    agent=agent,

)
```

```
# Set the action and condition

task.set_action(my_action)

task.set_condition(my_condition)
```

```
# Execute the task

print("Executing task...")

task.run()
```

```
# Check if the task is completed

if task.is_completed():

    print("Task completed")

else:

    print("Task not completed")
```

```
# Output the result of the task
```

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