

"""

* WORKING

What this script does:

Simple agent run to test AgentOps to record tool actions (<https://www.agentops.ai/>)

Requirements:

1. Create an account on <https://www.agentops.ai/> and run `pip install agentops`
2. Add the following API key(s) in your `.env` file:
 - OPENAI_API_KEY
 - AGENTOPS_API_KEY
3. Go to your agentops dashboard to observe your activity

"""

Adding project root to PYTHONPATH

If you are running examples in the project files directly, use this:

import sys

import os

sys.path.insert(0, os.getcwd())

Adding project root to PYTHONPATH

```
from swarms import Agent
```

```
from swarm_models import OpenAIChat
```

```
from agentops import record_function
```

```
# Add agentops decorator on your tools
```

```
@record_function("length_checker")
```

```
def length_checker(string: str) -> int:
```

```
    """
```

```
    For a given string it returns the length of the string.
```

```
    Args:
```

```
        string (str): string to check the length of
```

```
    Returns:
```

```
        int: length of the string
```

```
    """
```

```
    return len(string)
```

```
agent1 = Agent(
```

```
    agent_name="lengther",
```

```
    system_prompt="return the length of the string",
```

```
    agent_description=(
```

```
        "For a given string it calls the function length_checker to return the length of the string."
```

```
    ),
```

```
llm=OpenAIChat(),  
max_loops=1,  
agent_ops_on=True,  
tools=[length_checker],  
execute_tool=True,  
)
```

```
agent1.run("hello")
```