

```
import os
```

```
from swarms import Agent
```

```
from swarm_models import Anthropic, MultiAgentCollaboration
```

```
from swarms.prompts.finance_agent_sys_prompt import (
```

```
    FINANCIAL_AGENT_SYS_PROMPT,
```

```
)
```

```
# Initialize the agent
```

```
financial_analyst = Agent(
```

```
    agent_name="Financial-Analysis-Agent",
```

```
    system_prompt=FINANCIAL_AGENT_SYS_PROMPT,
```

```
    llm=Anthropic(anthropic_api_key=os.getenv("ANTHROPIC_API_KEY")),
```

```
    max_loops="auto",
```

```
    autosave=True,
```

```
    # dynamic_temperature_enabled=True,
```

```
    dashboard=False,
```

```
    verbose=True,
```

```
    streaming_on=True,
```

```
    # interactive=True, # Set to False to disable interactive mode
```

```
    dynamic_temperature_enabled=True,
```

```
    saved_state_path="finance_agent.json",
```

```
    # tools=[Add your functions here# ],
```

```
    # stopping_token="Stop!",
```

```
    # interactive=True,
```

```

# docs_folder="docs", # Enter your folder name

# pdf_path="docs/finance_agent.pdf",

# sop="Calculate the profit for a company.",

# sop_list=["Calculate the profit for a company."],

user_name="swarms_corp",

# # docs=

# # docs_folder="docs",

retry_attempts=3,

# context_length=1000,

# tool_schema = dict

context_length=160000,

# agent_ops_on=True,

interactive=True,

# long_term_memory=ChromaDB(docs_folder="artifacts"),

)

# Initialize the agent

financial_director = Agent(

    agent_name="Financial-Analysis-Agent",

    system_prompt="You are the financial director"

    + FINANCIAL_AGENT_SYS_PROMPT,

    llm=Anthropic(api_key=os.getenv("ANTHROPIC_API_KEY")),

    max_loops="auto",

    autosave=True,

    # dynamic_temperature_enabled=True,

    dashboard=False,

```

```

verbose=True,

streaming_on=True,

# interactive=True, # Set to False to disable interactive mode

dynamic_temperature_enabled=True,

saved_state_path="finance_agent.json",

# tools=[Add your functions here# ],

# stopping_token="Stop!",

# interactive=True,

# docs_folder="docs", # Enter your folder name

# pdf_path="docs/finance_agent.pdf",

# sop="Calculate the profit for a company.",

# sop_list=["Calculate the profit for a company."],

user_name="swarms_corp",

# # docs=

# # docs_folder="docs",

retry_attempts=3,

# context_length=1000,

# tool_schema = dict

context_length=200000,

# agent_ops_on=True,

# long_term_memory=ChromaDB(docs_folder="artifacts"),

)

```

```

swarm = MultiAgentCollaboration(

    agents=[fiancial_analyst, fiancial_director],

    select_next_speaker="longest_response",

```

max_loops=10,

)