

```
import os
```

```
from dotenv import load_dotenv
```

```
from swarm_models import OpenAIChat
```

```
from swarms import Agent, GroupChat
```

```
if __name__ == "__main__":
```

```
    load_dotenv()
```

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

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

```
    # Model
```

```
    model = OpenAIChat(
```

```
        openai_api_base="https://api.groq.com/openai/v1",
```

```
        openai_api_key=api_key,
```

```
        model_name="llama-3.1-70b-versatile",
```

```
        temperature=0.1,
```

```
    )
```

```
    # Example agents
```

```
    agent1 = Agent(
```

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

```
        system_prompt="You are a friendly financial analyst specializing in investment strategies. Be  
approachable and conversational.",
```

```
llm=model,  
max_loops=1,  
dynamic_temperature_enabled=True,  
user_name="swarms_corp",  
output_type="string",  
streaming_on=True,  
)
```

```
agent2 = Agent(  
    agent_name="Tax-Adviser-Agent",  
    system_prompt="You are a tax adviser who provides clear, concise, and approachable  
guidance on tax-related queries.",  
    llm=model,  
    max_loops=1,  
    dynamic_temperature_enabled=True,  
    user_name="swarms_corp",  
    output_type="string",  
    streaming_on=True,  
)
```

```
# agent3 = Agent(  
#     agent_name="Stock-Buying-Agent",  
#     system_prompt="You are a stock market expert who provides insights on buying and selling  
stocks. Be informative and concise.",  
#     llm=model,  
#     max_loops=1,
```

```
# dynamic_temperature_enabled=True,  
# user_name="swarms_corp",  
# retry_attempts=1,  
# context_length=200000,  
# output_type="string",  
# streaming_on=True,  
# )
```

```
agents = [agent1, agent2]
```

```
chat = GroupChat(  
    name="Investment Advisory",  
    description="Financial, tax, and stock analysis group",  
    agents=agents,  
)
```

```
history = chat.run(  
    "How to save on taxes for stocks, ETFs, and mutual funds?"  
)
```

```
print(history.model_dump_json(indent=2))
```