```
from google.cloud import logging
import datetime
import random # Simulating sensor data
# Initialize Google Cloud Logging client
client = logging.Client()
logger = client.logger("experiment_6_log")
def log_experiment_data(temp, humidity):
"""
Logs temperature and humidity data to Google Cloud.
"""
timestamp = datetime.datetime.utcnow().isoformat()
log_data = {
"experiment": "6",
"timestamp": timestamp,
"temperature": temp,
"humidity": humidity
}
logger.log_struct(log_data)print(f"Logged: {log_data}")
# Simulating real-time data logging
if __name__ == "__main__":
for _ in range(10): # Simulate 10 log entries
temp = round(random.uniform(20.0, 30.0), 2)
humidity = round(random.uniform(40.0, 60.0), 2)
log_experiment_data(temp, humidity)
```