

# Telegraam Bot Scheduler

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# Contents

<b>1</b>	<b>Introduction</b>	<b>1</b>
<b>2</b>	<b>Method</b>	<b>2</b>
2.1	How To use this bot . . . . .	2
<b>3</b>	<b>Results</b>	<b>3</b>
<b>4</b>	<b>Conclusions</b>	<b>4</b>

## Chapter 1

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## Introduction

The Telegram Task Scheduler Bot `sam_9` is a Python script that allows users to schedule tasks with specific names and execution times using Telegram's Bot API. Users can run this script as is and interact with the bot on Telegram by searching for the bot's name.

To run this script, you need the following:

- Python 3.x Telebot library (pip install pyTelegramBotAPI)
- Installation Install Python if not already installed: <https://www.python.org/download>
- Install the Telebot library using pip: pip install pyTelegramBotAPI

## 2.1 How To use this bot

- Users can obtain the Telegram Task Scheduler Bot (sam\_bot9) script with the API token already filled in.
- They don't need to modify the script; they can run it as is.
- Users open Telegram and search for the bot's name, "sam\_bot9," in the Telegram app.
- They can then interact with the bot by sending commands like '/start' and '/set TaskName YYYY-MM-DD HH:MM:SS' to schedule tasks.

```

1 import telebot
2 import sched
3 import time
4
5 # Create a new bot instance
6 bot = telebot.TeleBot('6142986288:AAH4FgY8Zhw-r4qmU3v057bCRvwJ2TiW8')
7
8 # Handle the /start command
9 @bot.message_handler(commands=['start'])
10 def handle_start(message):
11     bot.reply_to(message, "enter as /set task name(withoutgap) YYYY-MM-DD HH:MM:SS")
12
13 # Modify this line if necessary
14 @bot.message_handler(commands=['set'])
15 def handle_message(message):
16     o=message.text.split('/set ')[1].split(' ',1)
17     j=o[1]
18     p=o[2]
19     s = sched.scheduler(time.time, time.sleep)
20     def your_function():
21         bot.reply_to(message,p)
22     s.enterabs(time.mktime(time.strptime(j, "%Y-%m-%d %H:%M:%S")), 1, your_function)
23     s.run()
24
25 # Start the bot
26 bot.polling()

```

Figure 2.1: Code snippet for telegram bot scheduler

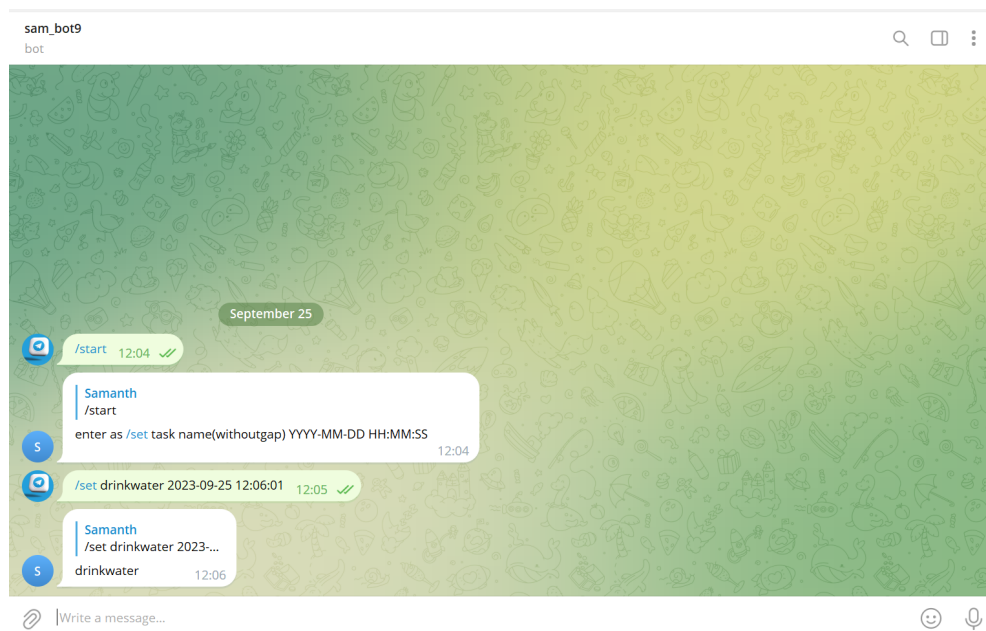


Figure 3.1: Telegram Bot

## Chapter 4

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## Conclusions

The Telegram Task Scheduler Bot (sam\_bot9) is a simple Python script that users can run as is to interact with the bot on Telegram. It allows users to schedule tasks via Telegram commands.