

**Московский государственный технический
университет им. Н.Э. Баумана**

**Факультет «Информатика и системы управления»
Кафедра ИУ5 «Системы обработки информации и управления»**

Курс «Парадигмы и конструкции языков программирования»

Отчет по Лабораторной работе №3

«Разработка простого бота для Telegram с использованием языка Python.»

Выполнил:
студент группы ИУ5-33Б
Буров Р. Ю.

Проверил:
преподаватель каф. ИУ5
Гапанюк Ю. Е.

Москва, 2025 г.

lab-3.py

```
import os

from aiogram import Bot, Dispatcher, types
from aiogram.filters import Command
from aiogram.types import InlineKeyboardMarkup, InlineKeyboardButton
from aiogram import F
import asyncio

bot = Bot(token="Токен")
dp = Dispatcher()

keyboard = InlineKeyboardMarkup(inline_keyboard=[

    [InlineKeyboardButton(text="QTE", callback_data="button1")],
    [InlineKeyboardButton(text="StyleRank", callback_data="button2")],
    [InlineKeyboardButton(text="Stratagems", callback_data="button3")],
    [InlineKeyboardButton(text="Scripts", callback_data="button4")]

])

@dp.message(Command("start"))

async def start(message: types.Message):
    await message.answer("Выберите кнопку:", reply_markup=keyboard)

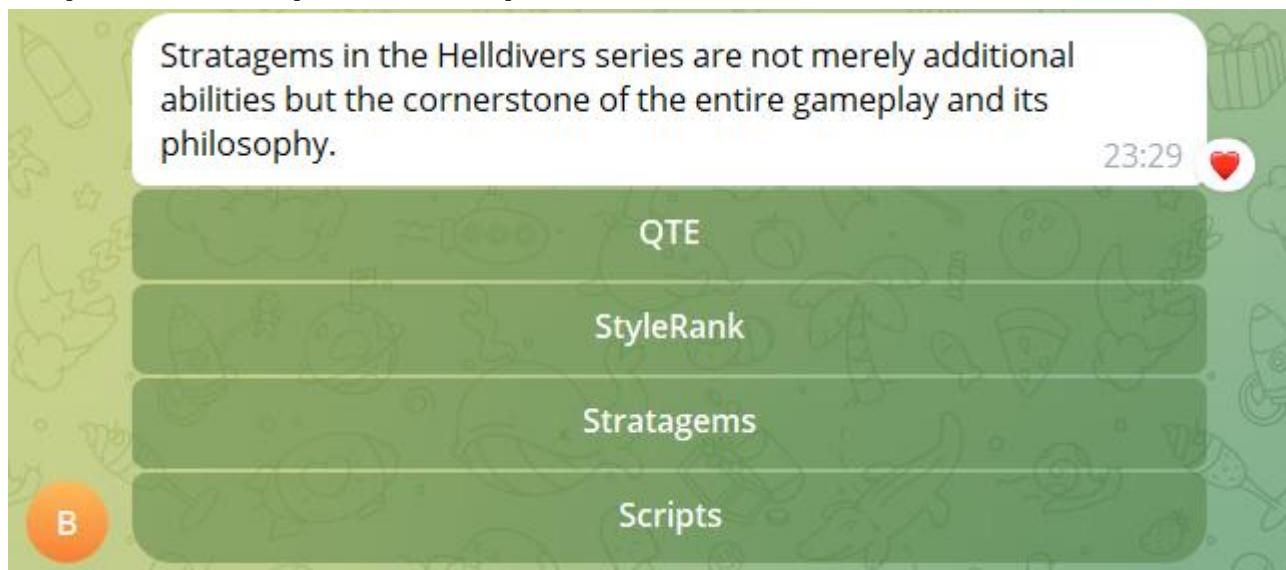
@dp.callback_query(F.data.in_(["button1", "button2", "button3", "button4"]))

async def button_handler(callback: types.CallbackQuery):
    if callback.data == "button1":
        text = "Quick Time Events (QTE) in the God of War series are not just" \
              "cinematic cutscenes, but a core gameplay element that merges action and narrative" \
              "into a seamless whole."
    elif callback.data == "button2":
        text = "This mechanic encourages the player for an aggressive and spectacular fighting style, rating their" \
              "performance on a seven-point " \
              "from Dismal to the legendary Smokin' Sick Style!!"
    else:
        text = "The Stratagems feature allows players to switch between different combat styles or abilities during" \
              "a fight, providing a variety of options and strategies." \
              "It's a key element that adds depth and complexity to the game's combat system." \
              "The Scripts feature provides a collection of pre-recorded dialogue and voice acting clips that can be triggered" \
              "during battles or other interactions, adding a cinematic feel to the game's narrative." \
              "It's a great way to experience the game's story from different perspectives and gain a deeper understanding" \
              "of the characters and their motivations." \
              "Overall, these features make the game more engaging and immersive, providing a unique and enjoyable gaming experience." \
              "They also demonstrate the developer's commitment to creating a rich and detailed world that goes beyond just" \
              "the main story and characters." \
              "The game's combat system is also highly praised for its fluidity and precision, making it a joy to play." \
              "The addition of these new features only serves to enhance this already excellent game even further." \
              "It's clear that the developer has put a lot of thought and effort into creating a truly special gaming experience." \
              "I highly recommend giving it a try if you're a fan of action RPGs or just looking for a great game to play." \
              "It's definitely one of the best games I've played in recent memory." \
              "So if you're looking for a game that's both visually stunning and mechanically sound, look no further than God of War." \
              "It's a must-play for anyone who loves epic stories and intense battles." \
              "I can't wait to see what the developer has in store for the future." \
              "Stay tuned for more updates and reviews!" \
              "Until then, happy gaming!" \
              "See you in the next issue of Game Informer." \
              "By [Your Name]" \
              "Editor-in-Chief, Game Informer" \
              "Twitter: @GameInformer" \
              "Email: [Your Email]"

    await callback.message.answer(text)
```

```
elif callback.data == "button3":  
    text = "Stratagems in the Helldivers series are not merely additional abilities \"\\"  
    "but the cornerstone of the entire gameplay and its philosophy."  
  
elif callback.data == "button4":  
    text = "The hacking script system, or cyberdeck, in Cyberpunk 2077 is a \"\\"  
    "masterful gamification of the hacker's role in a hyper-technological world."  
  
await callback.message.edit_text(text, reply_markup=keyboard)  
await callback.answer()  
  
async def main():  
    await dp.start_polling(bot)  
  
if __name__ == "__main__":  
    asyncio.run(main())
```

Скриншоты работы приложения



This mechanic encourages the player for an aggressive and spectacular fighting style, rating their performance on a seven-point from Dismal to the legendary Smokin' Sick Style!!

23:29



QTE

StyleRank

Stratagems

Scripts

B

Quick Time Events (QTE) in the God of War series are not just cinematic cutscenes, but a core gameplay element that merges action and narrative into a seamless whole.

23:29

QTE

StyleRank

Stratagems

Scripts

B

The hacking script system, or cyberdeck, in Cyberpunk 2077 is a masterful gamification of the hacker's role in a hyper-technological world.

23:29

QTE

StyleRank

Stratagems

Scripts

B