Задание

Разработайте простого бота для Telegram. Бот должен использовать функциональность создания кнопок.

Код программы.

handlers.py

```python
from aiogram import html, F, Router
from aiogram.filters import CommandStart, Command
from aiogram.types import Message, CallbackQuery

from app.keyboards import Kb

router = Router()

@router.message(CommandStart())
async def cmd_start(message: Message):
    await message.answer(f"Hello, {html.bold(message.from_user.full_name)}!",
reply_markup=Kb.main)

@router.message(Command("help"))
async def cmd_help(message: Message):
    await message.reply("команды:\n/help\n/start\n/covid\n/smile")

@router.message(F.text == "ggg")
async def msg_catch(message: Message):
    await message.answer("fff")

@router.message(F.text == "1")
async def rkb_one(message: Message):
    await message.answer("Choose", reply_markup=Kb.ctlg)

@router.callback_query(F.data == "ib9")
async def ikb_nine(callback: CallbackQuery):
    await callback.answer("accept")
    await callback.message.answer("its 9")

@router.message()
async def echo_handler(message: Message):
    try:
        await message.send_copy(chat_id=message.chat.id)
    except TypeError:
        await message.answer("Nice try!")
```

keyboards.py

```python
from aiogram import html, F, Router
from aiogram.types import ReplyKeyboardMarkup, KeyboardButton,
InlineKeyboardMarkup, InlineKeyboardButton

class Kb:
    main = ReplyKeyboardMarkup(keyboard=[[KeyboardButton(text="1")],
                                         [KeyboardButton(text="2")],
                                         [KeyboardButton(text="3"),
KeyboardButton(text="4")]],
                               resize_keyboard=True,
input_field_placeholder="choose...")

    ctlg =
InlineKeyboardMarkup(inline_keyboard=[[InlineKeyboardButton(text="9",
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callback_data="ib9")],

[InlineKeyboardButton(text="8", callback_data="ib8")],

[InlineKeyboardButton(text="7", callback_data="ib7")]])
```

main.py

```python
import asyncio
from aiogram import Bot, Dispatcher

from app.handlers import router

async def main():
    TOKEN = "token"
    bot = Bot(token=TOKEN)
    dp = Dispatcher()
    dp.include_router(router)
    await dp.start_polling(bot)

if __name__ == "__main__":
    try: asyncio.run(main())
    except KeyboardInterrupt: print("end")
```

Результаты.

/help 16:51 ✓✓

> Кирилл .
> /help

команды:
/help
/start
/covid
/smile 16:51

ggg 16:55 ✓✓

fff 16:55

/start 17:08 ✓✓

Hello, Кирилл .! 17:08

1 17:08 ✓✓

1 17:08

2 17:08 ✓✓

2 17:08

/start 17:10 ✓✓

Hello, Кирилл .! 17:10

/start 17:14 ✓✓

Hello, Кирилл .! 17:16

1 17:21 ✓✓

Choose 17:21

9

8

7

its 9 17:21