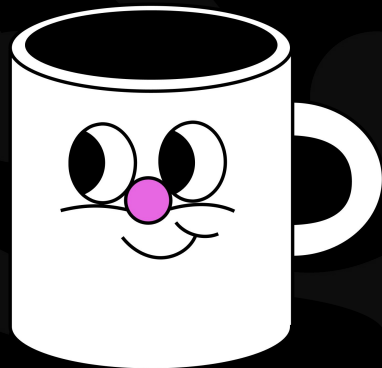# Лекция 5: Возможна ли жизнь без PIP

bot_commands.py

```python
from telegram import Update
from telegram.ext import Updater, CommandHandler, CallbackContext
import datetime
from spy import *

def hi_command(update: Update, context: CallbackContext):
    log(update, context)
    update.message.reply_text(f'Hi {update.effective_user.first_name}!')

def help_command(update: Update, context: CallbackContext):
    log(update, context)
    update.message.reply_text(f'/hi\n/time\n/help')

def time_command(update: Update, context: CallbackContext):
    log(update, context)
    update.message.reply_text(f'{datetime.datetime.now().time()}')

def sum_command(update: Update, context: CallbackContext):
    log(update, context)
    msg = update.message.text
    print(msg)
    items = msg.split() # /sum 123 534543
    x = int(items[1])
    y = int(items[2])
    update.message.reply_text(f'{x} + {y} = {x+y}')
```
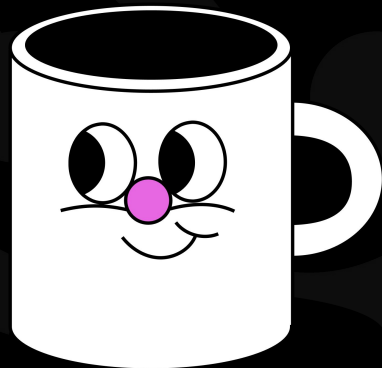
main.py

```python
from telegram import Update
from telegram.ext import Updater, CommandHandler, CallbackContext

def log(update: Update, context: CallbackContext):
    file = open('db.csv', 'a')
    file.write(f'{update.effective_user.first_name},{update.effective_user.id}, {update.message.text}\n')
    file.close()
```
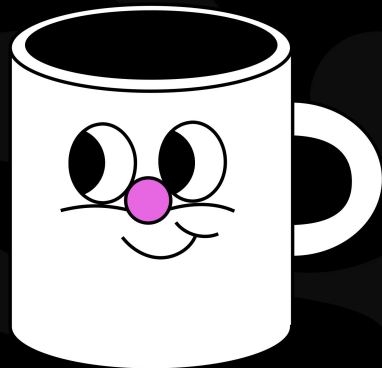
bot_commands.py

```python
from telegram import Update
from telegram.ext import Updater, CommandHandler, CallbackContext
from bot_commands import *

updater = Updater('TOKEN')

updater.dispatcher.add_handler(CommandHandler('hi', hi_command))
updater.dispatcher.add_handler(CommandHandler('time', time_command))
updater.dispatcher.add_handler(CommandHandler('help', help_command))
updater.dispatcher.add_handler(CommandHandler('sum', sum_command))


print('server start')
updater.start_polling()
updater.idle()
```

Спасибо
за внимание