

```

#LR1
import vk_api
from vk_api.longpoll import VkLongPoll, VkEventType

# Заменить токен
vk_session = vk_api.VkApi(token='your_token')
vk = vk_session.get_api()
longpoll = VkLongPoll(vk_session)

# Создаем клавиатуру с кнопками
keyboard = {
    "one_time": False,
    "buttons": [
        [
            {
                "action": {
                    "type": "text",
                    "label": "Привет",
                    "payload": "{\"button\": \"hello\"}"
                },
                "color": "positive"
            }
        ],
        [
            {
                "action": {
                    "type": "text",
                    "label": "Пока",
                    "payload": "{\"button\": \"bye\"}"
                },
                "color": "negative"
            }
        ]
    ]
}

# Преобразуем клавиатуру в JSON строку
keyboard = vk_api.keyboard.VkKeyboard.get_keyboard(keyboard)

for event in longpoll.listen():
    if event.type == VkEventType.MESSAGE_NEW and event.to_me:
        user_message = event.text.lower()
        user_id = event.user_id

        if user_message == 'привет' or user_message == 'привет':
            vk.messages.send(user_id=user_id, message='Привет!', random_id=0, keyboard=keyboard)
        elif user_message == 'пока' or user_message == 'пока':
            vk.messages.send(user_id=user_id, message='Пока!', random_id=0, keyboard=keyboard)
        else:
            vk.messages.send(user_id=user_id, message='Не понимаю тебя :(', random_id=0, keyboard=keyboard)

```

Результат:

Traceback (most recent call last):

File "G:\Общие Компоненты\Python39_64\lib\runpy.py", line 197, in _run_module_as_main

return _run_code(code, main_globals, None,

File "G:\Общие Компоненты\Python39_64\lib\runpy.py", line 87, in _run_code

exec(code, run_globals)

File "g:\visualstudio1\common7\ide\extensions\microsoft\python\core\debugpy__main__.py", line 39, in <module>

```
cli.main()
```

File

"g:\visualstudio1\common7\ide\extensions\microsoft\python\core\debugpy\..\debugpy\server\cli.py", line 430, in main

```
run()
```

File

"g:\visualstudio1\common7\ide\extensions\microsoft\python\core\debugpy\..\debugpy\server\cli.py", line 284, in run_file

```
runpy.run_path(target, run_name="__main__")
```

File

"g:\visualstudio1\common7\ide\extensions\microsoft\python\core\debugpy_vendored\pydevd_pydevd_bundle\pydevd_runpy.py", line 321, in run_path

```
return _run_module_code(code, init_globals, run_name,
```

File

"g:\visualstudio1\common7\ide\extensions\microsoft\python\core\debugpy_vendored\pydevd_pydevd_bundle\pydevd_runpy.py", line 135, in _run_module_code

```
_run_code(code, mod_globals, init_globals,
```

File

"g:\visualstudio1\common7\ide\extensions\microsoft\python\core\debugpy_vendored\pydevd_pydevd_bundle\pydevd_runpy.py", line 124, in _run_code

```
exec(code, run_globals)
```

File "D:\Саша\Бауманка\ПИКЯП\LR\LR1\LR1\LR1.py", line 8, in <module>

```
longpoll = VkLongPoll(vk_session)
```

File "C:\Users\Administrator\AppData\Roaming\Python\Python39\site-packages\vk_api\longpoll.py", line 515, in __init__

```
self.update_longpoll_server()
```

File "C:\Users\Administrator\AppData\Roaming\Python\Python39\site-packages\vk_api\longpoll.py", line 529, in update_longpoll_server

```
response = self.vk.method('messages.getLongPollServer', values)
```

File "C:\Users\Administrator\AppData\Roaming\Python\Python39\site-packages\vk_api\vk_api.py", line 697, in method

```
raise error
```

vk_api.exceptions.ApiError: [5] User authorization failed: invalid access_token (4).

Press any key to continue . . .

Вывод: Надо использовать рабочий токен.