

```

1 """
2 This file is a heavily modified version of https://github.com/x4nth055/pythoncode-
  tutorials/tree/master/ethical-hacking/keylogger
3
4 The original code is licensed under the MIT license (https://github.com/x4nth055
  /pythoncode-tutorials/blob/master/LICENSE).
5 This means that we can use, copy, modify, merge, publish, distribute, sublicense,
  and/or sell copies of the original code, as long as we give credit to the original
  author and include the license in our final product.
6 """
7
8 import keyboard
9 import asyncio
10 from types import MethodType
11
12 class splitWatcher:
13     def __init__(self, splitFunction: MethodType.__func__, endFunction:
  MethodType.__func__, window, split_key = "=", exit_key = "~"):
14         print("Split Key Watcher | Setting Up")
15         self.splitFunction = splitFunction
16         self.endFunction = endFunction
17
18         # TODO: make this configurable with pysimple GUI
19         self.split_key = split_key
20         self.exit_key = exit_key
21
22         self.window = window
23
24         self.setup = False
25         self.exit_program = False
26         print("Split Key Watcher | Setup Complete")
27
28     def callback(self, event):
29         name = event.name
30         if self.exit_program:
31             self.window.write_event_value('Exit', 0)
32             self.endFunction()
33             self.exit_program = True
34             del self
35         elif name == self.split_key:
36             # TODO: Integrate this with pysimple GUI to save the current time to a csv file
37             self.window.write_event_value('-SPLIT-TIMER-', 0)
38             print(self.split_key + " | was pressed and you have split")
39             self.splitFunction()
40         elif name == self.exit_key:
41             print(self.exit_key + " | was pressed and you have exited the program")
42             self.exit_program = True
43
44     async def endProgram(self):
45         while not self.exit_program:
46             await asyncio.sleep(0.1)
47         return 1
48
49     async def start(self):
50         print("Split Key Watcher | Starting")

```

```
51 | # start the keylogger
52 | keyboard.on_release(callback=self.callback)
53 | # block the current thread, wait until CTRL+C is pressed
54 | await self.endProgram()
55 | print("END")
```