Source code of CarBase Module

```
import RPi.GPIO as gpio
import time
import sys
import tkinter as tk
def init():
        gpio.setmode(gpio.BOARD)
        gpio.setup(7, gpio.OUT)
        gpio.setup(11 ,gpio.OUT)
        gpio.setup(13 ,gpio.OUT)
        gpio.setup(15 ,gpio.OUT)
def forward(tf):
        gpio.output(7, False)
        gpio.output(11, True)
        gpio.output(13, True)
        gpio.output(15, False)
        time.sleep(tf)
        gpio.cleanup()

def reverse(tf):
        init()
        gpio.output(7, True)
        gpio.output(11, False)
        gpio.output(13, False)
        gpio.output(15, True)
        time.sleep(tf)
        gpio.cleanup()
def turn_left(tf):
        gpio.output(7, True)
        gpio.output(11, True)
        gpio.output(13, True)
        gpio.output(15, False)
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        time.sleep(tf)
        gpio.cleanup()

def turn_right(tf):
        gpio.output(7, False)
        gpio.output(11, True)
        gpio.output(13, False)
        gpio.output(15, False)
        time.sleep(tf)
        gpio.cleanup()

def pivot_left(tf):
        gpio.output(7, True)
        gpio.output(11, False)
        gpio.output(13, True)
        gpio.output(15, False)
        time.sleep(tf)
        gpio.cleanup()

def pivot_right(tf):
        gpio.output(7, False)
        gpio.output(11, True)
        gpio.output(13,False)
        gpio.output(15, True)
        time.sleep(tf)
        gpio.cleanup()

def key_input(event):
        init()
        print('Key:', event.char)
        key_press = event.char
        sleep_time = 0.030
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        if key_press.lower() == 'f':
                forward(sleep_time)
        elif key_press.lower() == 'b':
                reverse(sleep_time)
        elif key_press.lower() == 'l':
                turn_left(sleep_time)
        elif key_press.lower() == 'r':
                turn_right(sleep_time)
        elif key_press.lower() == 'p':
                pivot_left(sleep_time)
        elif key_press.lower() == 'q':
                pivot_right(sleep_time)
        else:
                pass

command = tk.Tk()
command.bind('<KeyPress>', key_input)
command.mainloop()
```