Travel Carbon Bot

```
# 1
from chatbot import *


hours =  cinput('How many hours do you traevel by car?')

cprint(hours)
```

```
# 2
from chatbot import *

CO2 = 5.13  # kg CO2/hour



hours =  cinput('How many hours do you traevel by car?')

carbon = round(float(hours) * CO2)

cprint("Your carbon footprint from travel is", carbon)
```

```
# 3
from chatbot import *

CO2 = 5.13  # kg CO2/hour

CO2 = [5.13, 2.08, 2.05, 106.4, 131.5]  # kg CO2/hour for different modes

MODE = ["car", "bus", "train", "short-flight", "long-flight"]

mode_index = int(cinput("Which mode of transport do you use most? 1. Car, 2. Bus, 3. Train, 4. Short Flights, 5. Long Flights?")) - 1

hours = cinput("How many hours a week do you spend travelling by " + MODE[mode_index] + "?")

carbon = round(float(hours) * CO2[mode_index])
```

```
cprint("Your carbon footprint from travel is", carbon)
```

```
# 4
from chatbot import *

CO2 = 5.13  # kg CO2/hour

CO2 = [5.13, 2.08, 2.05, 106.4, 131.5]  # kg CO2/hour for different modes

MODE = ["car", "bus", "train", "short-flight", "long-flight"]

mode_index = int(cinput("Which mode of transport do you use most? 1. Car, 2. Bus, 3. Train, 4. Short Flights,
5. Long Flights?")) - 1

for i in range(len(MODE)):
    hours = cinput("How many hours a week do you travel by " + MODE[i] + "?")
    carbon = round(float(hours) * CO2[i])

cprint('Your carbon footprint by ' + MODE[i] + ' is '+ str(carbon))
```

```
# 5
from chatbot import *

CO2 = 5.13  # kg CO2/hour

CO2 = [5.13, 2.08, 2.05, 106.4, 131.5]  # kg CO2/hour for different modes

MODE = ["car", "bus", "train", "short-flight", "long-flight"]

mode_index = int(cinput("Which mode of transport do you use most? 1. Car, 2. Bus, 3. Train, 4. Short Flights,
5. Long Flights?")) - 1

total_carbon = 0

for i in range(len(MODE)):
    hours = cinput("How many hours a week do you travel by " + MODE[i] + "?")
    carbon = round(float(hours) * CO2[i])
    total_carbon += carbon
```

```
cprint("Your carbon footprint from travel is", total_carbon)
```

```
# 6
from chatbot import *

CO2 = 5.13  # kg CO2/hour

CO2 = [5.13, 2.08, 2.05, 106.4, 131.5]  # kg CO2/hour for different modes

MODE = ["car", "bus", "train", "short-flight", "long-flight"]

mode_index = int(cinput("Which mode of transport do you use most? 1. Car, 2. Bus, 3. Train, 4. Short Flights, 5. Long Flights?")) - 1


def calculate_carbon():
    total_carbon = 0
    for i in range(len(MODE)):
        hours = cinput("How many hours a week do you travel by " + MODE[i] + "?")
        carbon = round(float(hours) * CO2[i])
        total_carbon += carbon
    return total_carbon

carbon = calculate_carbon()
cprint("Your carbon footprint from travel is", carbon)
```