

# Challenge: Check If the Person Has a Driving License

This challenge checks your knowledge of traits.

## We'll cover the following

- Problem Statement
- Output
- Coding Exercise

## Problem Statement #

- A `struct Car` and `Motorbike` is provided to you.
- A `trait Drive` is provided to you which has an abstract method `can_drive`.
- The task is to
  - implement method `can_drive` for `Car`
  - implement method `can_drive` for `Motorbike`

Vehicle	Age Limit
Car	18 above
Motorbike	14 above

## Output #

The output should be 0 or 1 based on whether a person can drive or not.

1 or 0

## Coding Exercise #

Write your code below. It is recommended that you try solving the exercise yourself before viewing the solution.

**Note:** There is a `can_drive` function in the code for testing purposes. Do not modify it.

Here, `Car`, 🚗, and `Motorbike`, 🏍️, have one item `owner_age` for keeping things simple.

Good luck!🍀

```
#![allow(dead_code)]
//declare a structure
struct Car {
    owner_age:i32,
}
struct Motorbike {
    owner_age:i32,
}
//declare a trait
trait Drive {
    fn can_drive(&self)->i32;
}
//implement the trait
impl Drive for Car{
    fn can_drive(&self)->i32{
        -1
    }
}
impl Drive for Motorbike{
    fn can_drive(&self)->i32{
        -1
    }
}
```



The next lesson will discuss the detailed solution review of the above problem.