Report

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Console output (top window):
```
This Car's Age is:2
 this vehicle is allowed on road A and B
tesla
ABC123
private
2020
200
this car will be fined
tesla
ABC123
private
2020
200
this car will be fined
This Car's Age is:24
 this vehicle is allowed on road A and B
porshe
ERT345
Motercycle
1998
150
this car will be fined
porshe
ERT345
Motercycle
1998
150
this car will be fined
This Car's Age is:16
 This vehicle is only allowed on road C and B
mercedes
TRE657
truck
2006
70
this car will be fined
mercedes
TRE657
truck
2006
70
this car will be fined
This Car's Age is:52
 this vehicle is  only allowed on road B
This Car's Age is:14
 this vehicle is allowed on road A and B
```

Console output (bottom window):
```
Motercycle
1998
150
this car will be fined
This Car's Age is:16
 This vehicle is only allowed on road C and B
mercedes
TRE657
truck
2006
70
this car will be fined
mercedes
TRE657
truck
2006
70
this car will be fined
This Car's Age is:52
 this vehicle is  only allowed on road B
This Car's Age is:14
 this vehicle is allowed on road A and B
This Car's Age is:18
 this vehicle is allowed on road A and B
toyata
RFG321
private
2004
100
this car will be fined
toyata
RFG321
private
2004
100
this car will be fined
 These are how many Cars have passed on road A:4
This is Road As Effencieny:66.6667
These are how many Cars have passed on road B:6
This is Road As Effencieny:100
 These are how many Cars have passed on road C:1
This is Road C Effencieny:16.6667


...Program finished with exit code 0
Press ENTER to exit console.
```

I Thankfully do not have any errors. Each function operates within the que using the variable temp as a place holder for the current car in order to easily go through each of my objects. The flag bool is used as a storer for radar's bool value in order for it to have a functioning if statement that properly prints out. I created the coun object in road in order to easily count as the counts were said to only be placed in allow

which is in road to which I couldn't think of an alternative way to access. All in all this assignment was challenging but a great refresher and it thankfully functions. I had issues with understanding how the code would be are of what road the car should go on and hence figured it can be done using a simple if statement with a bool . In efficiency I assumed B would be the greatest as it comprised of all vehicles so for simplicity I placed it as the denominator for all.