

```
#ifndef MANAGER_H_INCLUDED
#define MANAGER_H_INCLUDED

#include <iostream>
#include <string>

class manager
{
private:
    int n_vehicles;

    int n_trucks;

    vehicle v_array[200];

    bool generated;

public:
    manager();

    int getVehicleNum(); ///getter methods
    int getTruckNum();
    std::string getArrayType(int i);
    int getArrayAge(int i);
    int getArrayLength(int i);
    int getArrayWidth(int i);
    int getArrayMS(int i);
    bool getGenerated();

    void setTruckNum(int num_truck); ///setter methods
    void setArrayType(int index1, std::string newString);
    void setArrayAge(int index1, int newNum);
```

```
void setArrayLength(int index1, int newNum);
```

```
void setArrayWidth(int index1, int newNum);
```

```
void setArrayMS(int index1, int newNum);
```

```
void setGenerated(bool gen1);
```

```
void generateInfo(int num_truck); ///generates the vehicle list
```

```
void printVehicleInfo(); ///prints the vehicle list
```

```
};
```

```
#endif // MANAGER_H_INCLUDED
```