```cpp
/*Mochire Boaz Momanyi
C++ code (Constructors)
BSE-05-0005/2024
23 june 2025
Version 2*/
#include <string>
#include <iostream>
using namespace std;

class car //the class
{
protected:
    string brand;
    string model;
    int year;

public:
    Car(string x, string y, int z)
    {
        brand = x;
```

```cpp
        model = y;
        year = z;
        cout << "engine" << endl;
    }

    ~car()
    {
        cout << "destructor invoked" << endl;
    }

    string getBrand() { return brand; }
    string getModel() { return model; }
    int getYear() { return year; }
};

int main() {
    car carobj1("BMW", "X5", 1999);
    car carobj2("FORD", "Mustang", 1965);
    car carobj3("BUGATTI", "Chiron", 2024);

    cout << carobj1.getBrand() << " " <<
```

```cpp
    carobj1.getModel() << " " <<
    carobj1.getYear() << endl;
        cout << carobj2.getBrand() << " " <<
    carobj2.getModel() << " " <<
    carobj2.getYear() << endl;
        cout << carobj3.getBrand() << " " <<
    carobj3.getModel() << " " <<
    carobj3.getYear() << endl;

    return 0;
}
```