HW12測資

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int main() {

LandVehicle landVehicle(80, 50, 4);

WaterVehicle waterVehicle(60, 40, 2);

AirVehicle airVehicle(300, 200, 2);

Car car(120, 60, 4, 4);

Boat boat(40, 30, 1, 2);

Plane plane(600, 300, 2, 4);

……

return 0;

}

測資只提供建構LandVehicle, WaterVehicle, AirVehicle, Car, Boat, and Plane等物件的程式碼。作業有關main function的以下兩點要求仍須自己寫。

⚫ Use pointers of type Vehicle\* to refer to these objects.  
⚫ Demonstrate polymorphism by calling the displayInfo() function through the base class pointers.

Outputs:

Land Vehicle - Speed: 80, Fuel: 50, Wheels: 4

Water Vehicle - Speed: 60, Fuel: 40, Engines: 2

Air Vehicle - Speed: 300, Fuel: 200, Wings: 2

Car - Speed: 120, Fuel: 60, Wheels: 4, Doors: 4

Boat - Speed: 40, Fuel: 30, Engines: 1, Sails: 2

Plane - Speed: 600, Fuel: 300, Wings: 2, Engines: 4