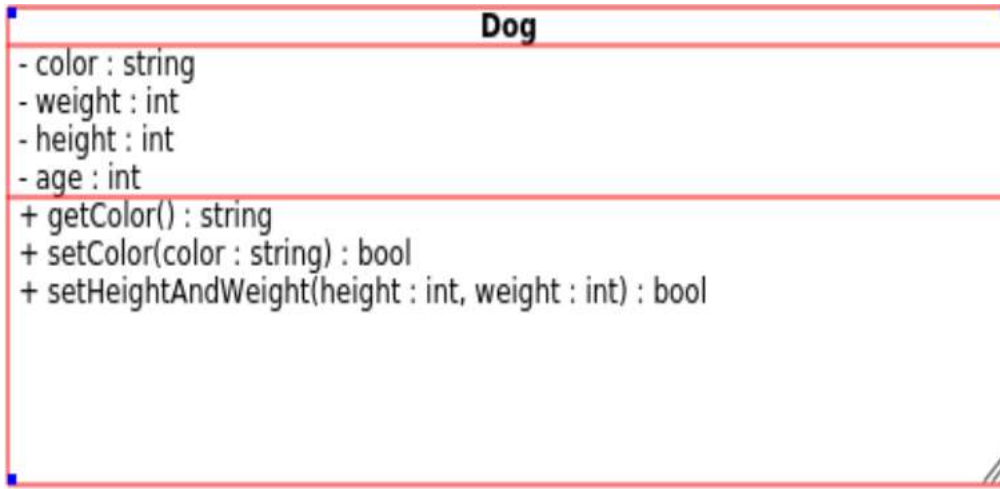


OLQ9

Practice and Review



Can you create the class from the class diagram?

```
class Dog
{
    public :
        std::string getColor(void) {}
        bool setColor(string color) {}
        bool setHeightAndWeight(int height, int weight) {}
    private :
        std::string color;
        int weight;
        int height;
        int age;
};
```

Can you write the code for the constructor and the member functions (if given implementation details) for this class?

Can you write the code to add a friend function (if given implementation details) that updates a data member?

Can you write a try-catch block given the throw statement?