Question: Consider the following class definitions:

```cpp
#include <iostream>
#include <string>
using namespace std;

class Animal
{
    int limbs;
    string eatinghabits;

public:
    Animal(int limbs_, string eh): eatinghabits(eh) { limbs = limbs_; }
    int getLimbs() const { return limbs; }
    string getEatingHabits() const { return eatinghabits; }
    void print()
    {
        cout << "Animal's print function" << endl;
        cout << "It is a " << eatinghabits << " ";
        cout << "It has " << limbs << " limbs" << endl;
    }
};

class Cat: public Animal
{
    string breed;
    string color;

public:
    Cat(string color, string breed): Animal(4, "carnivorous"),
        breed(breed), color(color) {}
    void print()
    {
        cout << "Cat's print function" << endl;
        cout << "It is a " << getEatingHabits() << endl;
        cout << "It has " << getLimbs() << " limbs" << endl;
    }
    void printBreed() { cout << "The Cat's breed is: " << breed << endl; }
};

class Rabbit: public Animal
{
    string type;
    string color;

public:
    Rabbit(string type, string color): Animal(4, "herbivorous"),
        type(type), color(color) {}
    void print()
    {
        cout << "Rabbit's print function" << endl;
        cout << "It is a " << getEatingHabits() << endl;
        cout << "It has " << getLimbs() << " limbs" << endl;
        cout << "It is a " << type << endl;
        cout << "Its color is " << color << endl;
    }
};
```
We are providing you two main() functions. For each of these, indicate whether the main() will run correctly. If so, what would be the output? And if not, what type of error (compile time, run time, or logical) will be encountered?

<table>
<thead>
<tr>
<th>int main()</th>
<th>Run Correctly? (Yes/No)</th>
<th>What kind of error(s)?</th>
<th>Reason</th>
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<tbody>
<tr>
<td>{</td>
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<tr>
<td>Cat* myCat;</td>
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<tr>
<td>Rabbit *rabbit;</td>
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<tr>
<td>Animal* animal;</td>
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<tr>
<td>myCat=new Cat(&quot;siamese&quot;,&quot;brown&quot;);</td>
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<tr>
<td>rabbit=new Rabbit(&quot;wild&quot;,&quot;white&quot;);</td>
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<tr>
<td>animal=myCat;</td>
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<tr>
<td>animal-&gt;print();</td>
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<tr>
<td>rabbit-&gt;print();</td>
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<td>}</td>
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<td>{</td>
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<tr>
<td>Cat kitty(&quot;persian&quot;,&quot;white&quot;);</td>
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<tr>
<td>Cat&amp; myCat=kitty;</td>
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<tr>
<td>Rabbit bunny(&quot;wild&quot;,&quot;white&quot;);</td>
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<td>Rabbit &amp;rabbit=bunny;</td>
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<tr>
<td>Animal &amp;kitten=kitty;</td>
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<td>kitten.printBreed();</td>
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<tr>
<td>}</td>
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