

```
>java Cowsay -n ice-dragon Ice-cold RAWR

Ice-cold RAWR

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This dragon cannot breathe fire.
```

Cow Class

The **Cow** class must have all of the same methods as previously required, though students may add private methods.) The methods are repeated here, briefly, for reference.

```
public Cow(String name)           // Constructor
public String getName()           // Returns name of this cow object
public String getImage()         // Return image for this cow object
public void setImage(String image) // Sets the image for this cow object to image
```

Dragon Class

The **Dragon** class must be derived from the **Cow** class and must make all of its methods available. In addition, Dragon must provide the following methods:

```
public Dragon(String name, String image)
```

Constructor; creates a new **Dragon** object with the given **name** and **image**. This should be the **only** public constructor for the **Dragon** class!

```
public boolean canBreatheFire()
```

This method should exist in **every** **Dragon** class. For the default **Dragon** type, it should always return **true**.

IceDragon Class

The **IceDragon** class must be derived from the **Dragon** class and must make all of its methods available:

```
public IceDragon(String name, String image)
```

Constructor; creates a new **IceDragon** object with the given **name** and **image**. This should be the **only** public constructor for the **IceDragon** class!

```
public boolean canBreatheFire()
```

For the **IceDragon** type, this method should always return **false**.

Submissions

NOTE: Your output must match the example output **exactly**. If it does not, ***you will not receive full credit for your submission!***

Files: Cowsay.java, Cow.java, Dragon.java, IceDragon.java, HeiferGenerator.java

Method: Submit on ZyLabs

Sample Output

```
>javac Cowsay.java
>java Cowsay Hello World!
```

Hello World!

```
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```

Moew-Moew!

Moew-Moew!

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Cows available: heifer kitten dragon ice-dragon

Could not find ninja cow!

Fiery RAWR

Fiery RAWR

```
>java Cowsay -n ice-dragon Ice-cold RAWR
```

The diagram is a complex, abstract structure composed of various symbols, lines, and mathematical-like notations. It is organized into a structured, branching pattern. The symbols include Greek letters like θ , mathematical symbols like σ , and various geometric shapes like triangles and rectangles. The diagram is composed of solid and dashed lines, with some elements enclosed in boxes or parentheses. The overall appearance is that of a technical or mathematical drawing, possibly representing a complex system or a theoretical model.

This dragon cannot breathe fire.