

```
>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 Canvas

Sample Output

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

Hello World!

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```

```
>java Cowsay -n kitteh Moew-Moew!
```

Moew-Moew!

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```

```
>java Cowsay -l
```

Cows available: heifer kitteh dragon ice-dragon

```
>java Cowsay -n ninja Hello world!
```

Could not find ninja cow!

```
>java Cowsay -n dragon Firey RAWR
```

Fiery RAWR

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```

This dragon can breathe fire.

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

Ice-cold RAWR

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```

This dragon cannot breathe fire.