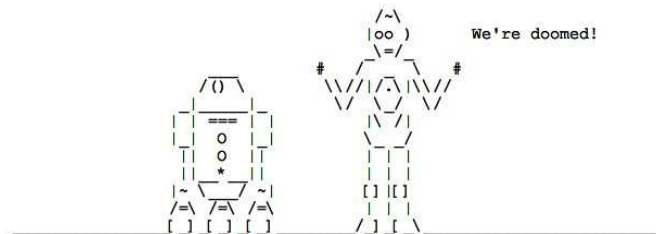


## 1. Drawing with ASCII characters

- Have a look at the “ASCIIMATION” web site: <http://www.asciimation.co.nz/> (but don’t spend the whole class watching it...)

This site features “ASCII” animation, which is comprised of a series of many images that are cleverly drawn using only ASCII characters, like the image below:



- In your text editor, open a temporary file (call it “tmp”) and design a picture using ASCII drawing. (edit → student\$ pico tmp)
- Then create a new C++ file, called **draw.cpp** and place inside the main() function, a series of cout statements that will produce the drawing you designed in your **tmp** file. (student\$ pico draw.cpp)  
*Hint: you will probably have to output blank spaces to get things to line up the way you want*
- Compile and run your code, to make sure it does what you want. Edit again, as needed. (compile → student\$ g++ draw.cpp -o draw)  
(run → student\$ ./draw)

## 2. Weathering the storm

- Below is the weather forecast for this week:

5-Day Forecast			Personalize your weather		
	Wednesday	Thursday	Friday	Saturday	Sunday
<b>Hi</b>	31°F/-1°C	23°F/-5°C	36°F/2°C	50°F/10°C	54°F/12°C
<b>Lo</b>	14°F/-10°C	17°F/-8°C	29°F/-2°C	37°F/3°C	35°F/2°C
	Breezy and cold with clouds and sun	Mostly sunny, brisk and quite cold.	Mostly sunny and not as cold	Partly sunny and milder	Mostly cloudy

- Write a program that computes (and outputs) the average high temperature for the week, and the average low temperature for the week.

*Hint: think about this on paper before you start typing on the computer. See if you can design the code in your notebook first, then type it in and see how it works. Note where you need to make corrections.*

*Hint: you will need to use a float variable for storing the averages.*