

Answers to The DreamHack Game tasks Winter 2008

1:1 Photoshop

You were supposed to identify what had been removed or added.



First Image

Second Image

Third Image

Fourth Image

S	tatue
C	rown
A	pple
N	ote

1:2 Follow the footsteps

You were supposed to follow in the footsteps of the character in the story. The x marked where there was a clue to be collected. The first was on one side of the stage, the second was in the south lobby, the third was in the chill (the "high walls" referring to the castle walls), the fourth was under the staircase by the food court closest to the chill. These four words were just supposed to be entered one after the other in order and you would get the password chill **baby skateboard flower!**

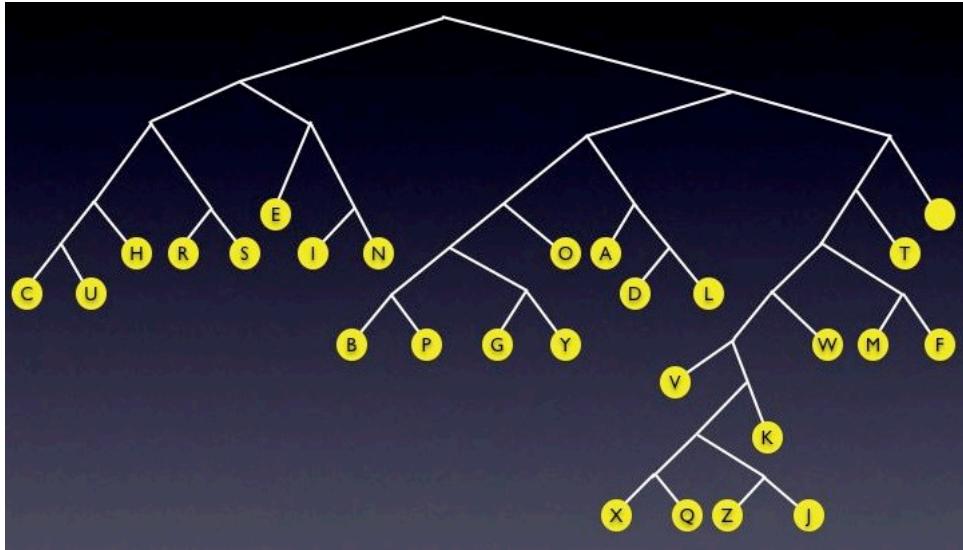
1:3 ECC

ECC referred to Electronic Color Coding. And can be read about on wikipedia. Once you had decrypted the resistance numbers, those were supposed to be converted from decimal to ASCII and you would get the password **juice**.

1:4 Huff, man!

This was a reference to huffman trees, that you can also read about on wikipedia. The word K I S S I N G was capitalized because that word was the one you were supposed to encode, the huffman tree to use was supplied as a reference to an image in the source code. The encoded word resulted in this binary string:
1100001101100011001101100111100010 (once i corrected the erroneous password in the system)

Tree supplied:



1:5 The Future

Futurama is a show that takes place a thousand years in the future. There is a site called last.fm. If you were to google "Ignor trick Fry", you would get a reference to Owl Exterminator on the second hit. Which is also one of the most popular lines of the new futurama movie. When you visited the user "OwlExterminator" on last.fm, that user had played 3 songs, by Kanye West, Pharrell Williams and Lupe Fiasco, who are in the progress of making the most awesome hip-hop band ever – **Child Rebel Soldier**. Which in turn is the password.

1:6 The Final Countdown

Here you get an outline when you solve the maze. That outline can then be matched with a coast. The title refers to Europe (who made the song) and the outline matches up with Spains coastal line.
At the heart of spain is **Madrid**.



1:7 Find It

When emailing to the mail address in the picture, you would get an automated reply answer. Containing:

It's blowfish, but you need the key

```
17C3D5B799753689C7F53CC69878A7D8  
3A681AAE324C3DD372210337B294EA7D  
CF0363B391F40A8F7880163350A38BF3  
85D59F23F62A088E22DA9D2166737F56  
951BD68D710CF3BBBDC48BEA0C378C29  
C35A1B3609C0750814D6B4884D8789B2  
F9A370723423AB5AF2BF01252C8FC4  
9CEF3599A494E0A83CEE65FD7D254BE1  
AB975B74A128D3FEF89D2D5AFE925230  
18C0B97998EF79967643450880D7457E  
F27E7E4EB63A3B38
```

Upon further inspection of the image, you would find "key:dreams" in the meta data of the image.



When decrypted, the message would read:

I am hidden behind an invisible wall.
My owner has several locations, I am in one.
I await, ready to charge.
Im three down, three to the right.
Come find me.

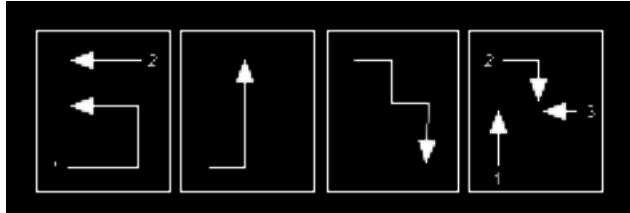
This was a reference to the Telia booth, Telia had 3 (I believe) locations and the charge box was at just one of them. In the square three down and three to the right, you would find a note reading "**cloud**".

2:1 All your base are belong to us

0 1 1 2 3 5 8 D 11 1E 2F

this is the Fibonacci sequence written in **base-20**, which is the answer, and there are many ways to come to this conclusion.

2:2 Keys



Here you are supposed to use the numpad to type in the order as the arrows show. For example, the first arrow in the first box is 1 then 2 then 6 then 4. Do this for each arrow and in order and you get the number:

136497128785631478565

alternatively, if you press every key that is on the path of the arrow, you get:

1236549871258785631478565

which was also an acceptable answer.

2:3 Lego

In this task, you should have written down the colors in HEX format. The colours are as stated in the task: Yellow, Red and Blue.

Yellow: FFFF00, Red: FF0000, Blue: 0000FF

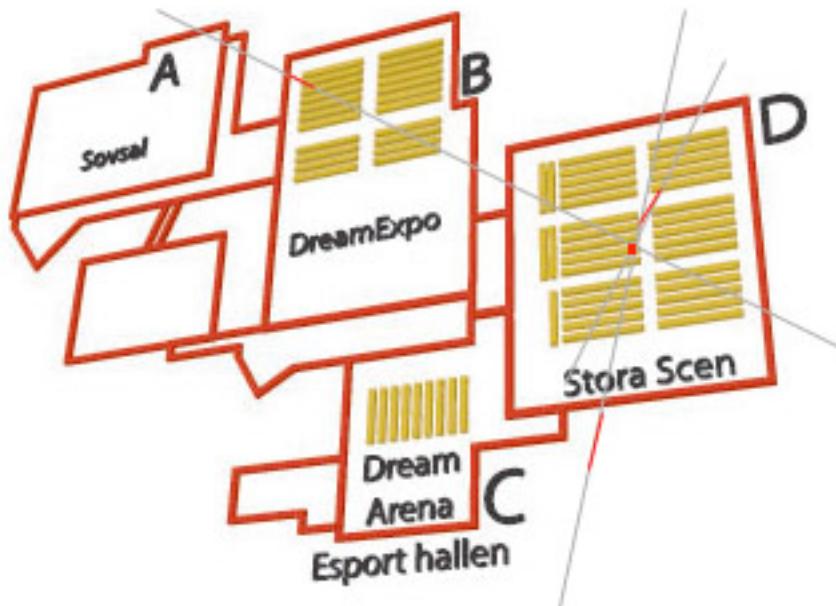
Colours top to bottom:	Grouped by 5	0's removed.
FFFF00	FFFF00	FFFF
FF0000	FF0000	FF
FF0000	FF0000	FF
FF0000	FF0000	FF
FFFF00	FFFF00	FFFF
FFFF00	FFFF00	FFFF
FF0000	FF0000	FF
FFFF00	FF0000	FFFF
FF0000	FF0000	FF
0000FF	FFFF00	FFFF
0000FF	0000FF	FF
0000FF	0000FF	FF
0000FF	0000FF	FF
FF0000	0000FF	FF
FF0000	0000FF	FF
FF0000	FF0000	FF
FFFF00	FFFF00	FFFF



2:4 Master of the obvious

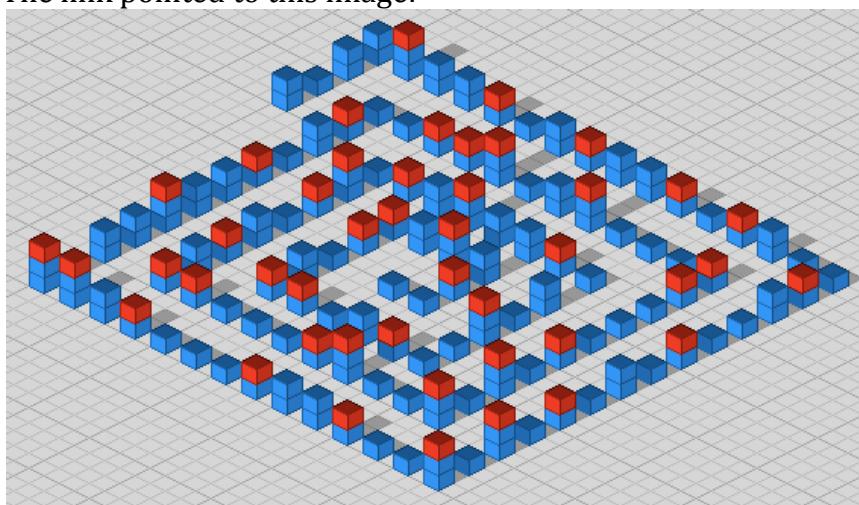
Once you find thefile.html at the root of the server (ping the address dhgame.eu to find the IP and browse to that) you will get a video and an address.

In the video we walk back and forth a bit, but the directions we walk in are all pointing to one spot.



The red pieces of the lines are the bits we walk with the camera, they all converge on one spot on one empty seat. On that table we wrote "horse". In thefile.html you are given w+video-s the video leads you to horse, so w+video-s=whore.

The link pointed to this image:



Which is supposed to be interpreted as morse code, a large stack is a long signal and a short stack is a short signal, the red piece indicates the beginning of a new character. This gives you:

www.ijerph.org

This in turn is translated into:

YOUWILLFINDWHATYOUSEEKBEHINDTHEARENAOFDREREAMS

Behind the dream arena there was a clue that said Mesopotamia. So the first piece + "of" + the second piece = **whore of mesopotamia**

This is the password. It comes from whore of babylon, "whore mesopotamia" was also an acceptable answer.