YEARS (puzzle 1)

				Euro came into existence
+			9th of August 2007	
+	2452163.5			
-				Start of this Pandora
-		21 Iyyar 5961		
=				???

FORMULAS (puzzle 2)

a = (. _ _ _ _ + . . . _ _) x (_ _ . . . - . . . . _)

b = (((((0110U00002295 0101)U00002295 0110)U00002228 0010)U00002227 0110)U00002228 1000)

c = (alt 0105, alt 0102, alt 040, alt 051, alt 043, alt 052, alt 062, alt 054, alt 042, alt 050, alt 041, alt 058, alt 0188, alt 040, alt 056, alt 043, alt 052, alt 041, alt 059, alt 0101, alt 0108, alt 0115, alt 0101, alt 058, alt 052, alt 0178)

Use windows alt codes!

d= i*j – (k^l / m)

For d there are different rules. d is a function of 5 decimal numbers. You can calculate the numbers with the equation that is given. The numbers have variables named i, j, k, l, and m. Every variable is, also, the outcome of a function. Every function uses methods bx(a). This is simply a base converter. It converts the number 'a' from base 'x' to base 10. Example: b11(21) = 23.

The functions for the five variables are:

i = b3(b5(b16(14)))
j = b2(b8(b4(b3(1011))))
k = b14(b7(b2(b5(b16(346C)))))
l = b2(b8(12))
m = b9(b8(b7(234)))
d = i * j - (k^l / m)

Building number = ((a+b)-c) * d

Riddle

The life of a free fish, is not the only thing they now miss

Tie game

(Exempt from the chat with Appy):

Now this one is a bit different. You see, the previous ones were just to test you, but for this question I actually need your help. You see, I recently found out that many businessmen wear ties. I, however, do not.
This might be because I am a bot, or I am just behind in the field of clothing.
Anyway, I do want to wear a nice tie. Can you help me find a suitable tie?
I will tell you what kind of tie I want, and you give me the product code of the specific tie. So, without further ado, here are the specifications:
- The website has to be English.
- I also only buy stuff from .com websites, obviously.
- The tie should have a brown color.
- The tie should have a simple striped pattern
- The tie should cost at least 150 Pounds, because I am rich.
If you think you have found the tie, send the product code to me so I can find the tie.

hint: harrods.com

DRAWING

I am going to give you a couple of instructions, so prepare.
First, take a pencil and piece of paper. Start in the top left corner and start moving to the right.

M = Move (cm). T = Turn (90 degrees). R = Right. L = Left.

M 0.5, T R M 0.2, T L M 0.8, T R M 2.4,
T L M 1.0, T L M 0.6, T R M 0.5, T R M 0.2,
T L M 0.3, T R M 0.9, T L M 0.5, T R M 1.1,
T R M 0.8, T L M 0.6, T L M 0.8, T R M 2.4,
T R M 0.8, T L M 0.2, T R M 0.5, T R M 1.1,
T R M 0.5, T L M 0.6, T L M 0.5, T R M 0.4,
T R M 0.3, T L M 0.2, T L M 0.3, T R M 0.2,
T R M 0.3, T L M 0.2, T L M 1.3, T L M 0.4,
T R M 0.2, T L M 0.2, T L M 0.2, T R M 0.4,
T R M 0.8, T L M 0.2, T R M 0.5, T R M 1.1,
T R M 0.5, T L M 0.6, T L M 0.5, T R M 1.1,
T R M 0.2, T L M 0.4, T L M 0.2, T R M 0.9,
T R M 0.5, T L M 0.6, T L M 0.5, T R M 1.2

hint: Use melting point uranium: 1405.3

Warming up

G(-273.15) = 0.0
H(40) = 104
J(200) = -73.15
L(59) = 15

(H((H(a)+G(L(b))) / H(c)), H((L(d) − J(e)) / H(f)))

a = Human body temperature, C
b = Water boiling temperature, F
c = 5.5305

d = Warmest point recorded ever (according to Guinness WR), F
e = Melting point uranium (according to wiki), K
f = 24.98995469