Teddywaddy Code Club

Activity 2g

Guess the picture

Guess the picture

Click to reveal

https://trinket.io/html/fe0ca96924

Guess the picture

In this exercise you will be trying to create a guessing game. The picture is hidden but can be revealed in parts by clicking the mouse.

Firstly, open the trinket reference shown on the front page (if you haven't already!).

Each page has some instructions on what to change.

```
   ≡    trinket     C Autorun    ▼

< >      index.html

i  1 ▾ <html>
   2 ▾     <head>
   3 ▾         <style>
   4 ▾             * {
   5                   box-sizing:border-box;
   6               }
   7 ▾             .container {
   8                   position: relative;
   9                   width:400px;
  10                   height:400px;
  11                   margin: auto;
  12                   text-align
  13                   border-co
  14                   border-sty
  15                   border-wid
  16               }
  17 ▾             .text {
  18                   position:r
  19                   width:400px
  20                   margin:auto;
  21                   text-align: center;
  22                   color:black;
  23                   font-size: 12pt;
  24                   font-family: arial;
  25               }
  26 ▾             .allBoxes {
  27                   position: absolute;
  28                   width:50%;
  29                   height:50%;
  30                   background-color: teal;
  31               }
  32 ▾             .box1 {
  33                   top:10%;
  34                   left:10%;
  35               }
```

First get the writing looking nicer by changing the colour, size and font.

A font is the style of writing. Other font-family you can try are:

Verdana, Helvetica, Tahoma and Georgia

Next you have to arrange the coloured squares so that they cover up the dragon. There are four squares, each covers one-quarter of the picture.


```
     ≡   🔑 trinket   C Autorun

  < >    index.html
  22            }
  23 ▾          .allBoxes {
  24                position: absolu
  25                width:50%;
  26                height:50%;
  27                background-color:
  28            }
  29 ▾          .box1 {
  30                top:10%;
  31                left:10%;
  32            }
  33 ▾          .box2 {
  34                top:20%;
  35                left:20%;
  36            }
  37 ▾          .box3 {
  38                top:30%;
  39                left:30%;
  40            }
  41 ▾          .box4 {
  42                top:40%;
  43                left:40%;
  44            }
  45 ▾          .image {
  46                position: absol
  47                top:0px;
  48                left:0px;
  49                width:100%;
  50            }
  51        </style>
  52     </head>
```

Box 1 would need to be
top:0%;
left:0%;

Box 4 would need to be
top:50%;
left:50%;

Box 2 would be top:0%; and left:50%;

Box 3 would be top:50%; and left:0%;

≡ 🔑 **trinket**   ⟳ Autorun   ▼

< >   index.html

```html
1  <html>
2      <head>
3          <style>
4              * {
5                  box-sizing:border-box;
6              }
7              .container {
8                  position: relative;
9                  width:400px;
10                 height:400px;
11                 margin: auto;
12                 text-align: center;
13                 border-color:yellow;
14                 border-style:solid;
15                 border-width:5px;
16             }
17             .text {
18                 position:re
19                 width:400p
20                 margin:auto
21                 text-align:
22                 color:black
23                 font-size: 12pt;
24             }
25             .allBoxes {
26                 position: absolute;
27                 width:50%;
28                 height:50%;
29                 background-color: teal;
30             }
31             .box1 {
32                 top:10%;
33                 left:10%;
34             }
35             .box2 {
```
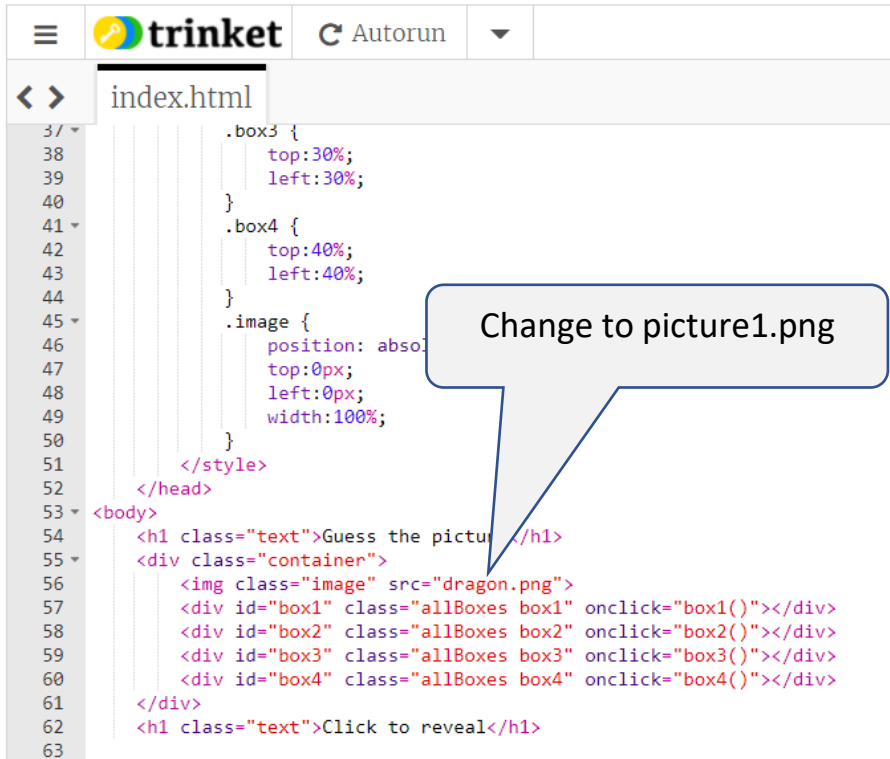
Change the border if you like

Change the colour of the boxes

5

For the best surprise, make sure the four squares are completely covering the dragon before this step.


```
       =    🔑 trinket   C Autorun   ▼

      < >    index.html
      37 ▾              .box3 {
      38                   top:30%;
      39                   left:30%;
      40               }
      41 ▾              .box4 {
      42                   top:40%;
      43                   left:40%;
      44               }
      45 ▾              .image {
      46                   position: absol
      47                   top:0px;
      48                   left:0px;
      49                   width:100%;
      50               }
      51          </style>
      52      </head>
      53 ▾ <body>
      54      <h1 class="text">Guess the pictu  /h1>
      55 ▾    <div class="container">
      56          <img class="image" src="dragon.png">
      57          <div id="box1" class="allBoxes box1" onclick="box1()"></div>
      58          <div id="box2" class="allBoxes box2" onclick="box2()"></div>
      59          <div id="box3" class="allBoxes box3" onclick="box3()"></div>
      60          <div id="box4" class="allBoxes box4" onclick="box4()"></div>
      61      </div>
      62      <h1 class="text">Click to reveal</h1>
      63
```

Change to picture1.png

You can also try *picture2.png* and *picture3.png* to test your game.

Maybe you could bring in a picture of your own to try.