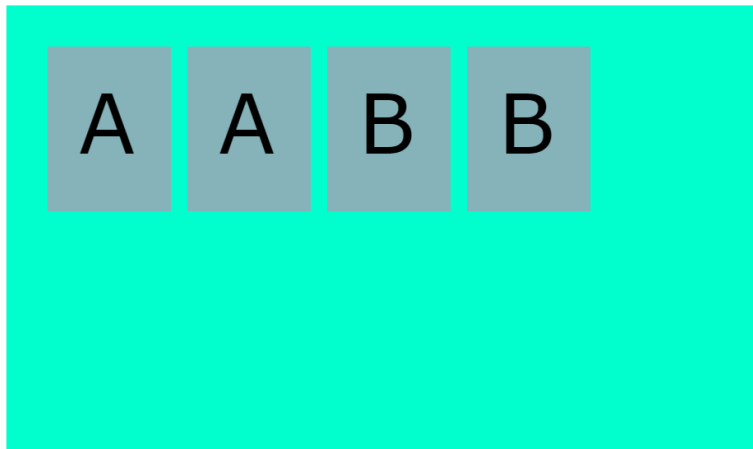


Φύλλο εργασίας για «HTML5 -JavaScript»

Εκπαιδευτικός: Παπαστεργίου Κωνσταντίνος, Καθηγητής Πληροφορικής

Δημιουργία παιχνιδιού Memory v01



```
<!doctype html>
<meta charset="UTF-8">
<title>memory game</title>
<CENTER>
<canvas width="920" height="540" ></canvas>
<script src="requestAnimationFramePolyfill.js"></script>
<script>
var canvas = document.querySelector("canvas");
var ctx = canvas.getContext("2d");

var aclass =
{
  x: 0,
  y: 0,
  width: 50,
  height: 60
};

var table=new Array;

var card1 = Object.create(aclass);
card1.x = 50;
card1.y = 50;
card1.width=150;
card1.height=200;
card1.info="A";
card1.face=false;
table[1]=card1;
table[2]=card1;

var card2 = Object.create(aclass);
card2.x = 170;
card2.y = 50;
card2.width=150;
card2.height=200;
```

```
card2.info="B";
card2.face=false;
table[3]=card2;
table[4]=card2;
```

```
update();
function update() {
requestAnimationFrame(update, canvas);
```

```
ctx.fillStyle="#00FFCC";
ctx.fillRect(0, 0, canvas.width, canvas.height);
```

```
for(i=1;i<5;i++){
```

```
if(table[1].face==true){
ctx.fillStyle="#3C3CC7";
ctx.fillRect(50, 50, table[1].width, table[1].height);}
else{
ctx.fillStyle="#86B3B9";
ctx.fillRect(50, 50, table[1].width, table[1].height);
ctx.fillStyle="black";
ctx.font = "100px Verdana";
ctx.fillText(table[1].info,50+38,50+130);
}
```

```
if(table[2].face==true){
ctx.fillStyle="#3C3CC7";
ctx.fillRect(220, 50, table[2].width, table[2].height);}
else{
ctx.fillStyle="#86B3B9";
ctx.fillRect(220, 50, table[2].width, table[2].height);
ctx.fillStyle="black";
ctx.font = "100px Verdana";
ctx.fillText(table[2].info,220+38,50+130);
}
```

```
if(table[3].face==true){
ctx.fillStyle="#3C3CC7";
ctx.fillRect(390, 50, table[3].width, table[3].height);}
else{
ctx.fillStyle="#86B3B9";
ctx.fillRect(390, 50, table[3].width, table[3].height);
ctx.fillStyle="black";
ctx.font = "100px Verdana";
ctx.fillText(table[3].info,390+38,50+130);
}
```

```
if(table[4].face==true){
ctx.fillStyle="#3C3CC7";
ctx.fillRect(560, 50, table[4].width, table[4].height);}
else{
ctx.fillStyle="#86B3B9";
ctx.fillRect(560, 50, table[4].width, table[4].height);
ctx.fillStyle="black";
```

```
ctx.font = "100px Verdana";
ctx.fillText(table[4].info,560+38,50+130);
}

}

}

</script>
</html>
```