



Antal blad /
Number of sheets

06 ✓

TENTAMEN / EXAMINATION

- Anvisningar:** Skriv din anonymitetskod på varje blad.
Endast en uppgift får lösas på varje blad.
Var vänlig skriv tydligt!
- Instructions:** Write your anonymous code on each sheet.
Answer only one question on each sheet.
Please write clearly!

Vänligen texta anonymitetskoden i textboxen enligt exempel nedan!
Please write the Anonymous Code clearly in the textbox like example below!

Bokstäver/Letters:

A-B-C-D-E-F-G-H-I-J-K-L-M-N-O
P-Q-R-S-T-U-V-W-X-Y-Z-Å-Ä-Ö

Siffror/Numbers:

0-1-2-3-4-5-6-7-8-9

Exempel:

A	B	C	1	7	0	-	0	1	7
---	---	---	---	---	---	---	---	---	---

ISGB15 JAVASCRIPT FÖR WEBBUTVECKLING

Kurskod + Kurs / Course Code + Course:

Delkurs / Part course:

Anonymitetskod / Anonymous code =
Kurskod + kodnr / course code + code number

I	S	G	B	1	5	-	0	1	7
---	---	---	---	---	---	---	---	---	---

 ✓

Tentamensdatum /
Examination date:

26/4 -17

Behandlade uppgifter / Solved problems

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
X	X	X	X											
16	17	18	19	20	21	22	23	24	25	26	27	28	29	30

Ifylles av lärare / To be completed by the examiner

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
17	5	9	5											
16	17	18	19	20	21	22	23	24	25	26	27	28	29	30

Poäng / Marks gained: 30

Betyg / Grade: VG

Max poäng / Total marks gained: 40

För Gk poäng / Marks gained to be passed: 20

Examin. lärare / Kursansvarig signatur / Signature of the examiner

Peter Bellström

Namnförtydligande / Clarification of the signature



3.

```
var sub = document.querySelector("input[type='submit']");
sub.addEventListener("click", checkCourse, false);
```

```
function checkCourse(event) {
```

```
var kod = document.querySelector("#kurskod");
```

```
var kurs = document.querySelector("#kursnamn");
```

```
var errMsg = document.querySelector("#errorMsg");
```

```
var kodVa = kod.value;
```

```
try {
```

```
if (kodVa.length !== 6 || isNaN(kodVa.substring(5, 6))) {
```

```
throw new Error("Måste var 6 tecken och  
de två sista måste vara  
siffror!");
```

```
}
```

```
if (kurs.value.length < 12) {
```

```
throw new Error("Måste innehålla minst  
12 tecken!");
```

```
}
```

```
catch (oError) {
```

```
errMsg.appendChild(document.createTextNode(oError.  
message));
```

```
event.preventDefault();
```

```
}
```

```
}
```



1. a)

 Uppgift nr /
 Question no:

1

 Poäng / Points
 awarded:

17

 Lärarens
 anteckning
 Examiner's remarks:

```
function changeElements() {
  var pRef=document.querySelectorAll(".container-fluid p");
```

```
  for (var i=1; i < pRef.length ; i++) {
```

```
    if (pRef.item[i].value === "") {
      pRef.item[i].appendChild(document.
        createTextNode("P-element " + i));
```

```
    } else {
```

```
      pRef.item[i].removeChild(pRef.item[i].
        Childnodes[0]);
```

```
      pRef.appendChild(document.createTextNode
        ("P-element " + i));
```

```
    }
  }
}
```

Nodevalue

===

null

2



1b.

 Uppgift nr /
 Question no:

1

 Poäng / Points
 awarded:

 Lärarens
 anteckning
 Examiner's remarks:

```

a) function changeTextInP(event) {
  var pRef = document.querySelector("#IdFirstP");
  pRef.classList.toggle("newClass");
  event.preventDefault();
}
  
```

3

```

b) function changeCSSFormOver() {
  var pRef = document.querySelector("#IdSecondP");
  pRef.style.backgroundColor = "pink";
  pRef.style.Color = "lightblue";
}
  
```

1,5

```

c) function changeCSSFormOut() {
  var pRef = document.querySelector("#IdSecondP");
  pRef.style.backgroundColor = "white";
  pRef.style.Color = "black";
}
  
```

1,5

10

```

d)
function prepareGUI() {
  var aRef = document.querySelector("#IdFirstLink");
  var aRefOver = document.querySelector("#IdSecondLink");
  var aRefOut = document.querySelector("#IdSecondLink");
  
```

```

    aRef.addEventListener("click", changeTextInP, false);
    aRefOver.addEventListener("mouseover", changeCSSFormOver, false);
    aRefOut.addEventListener("mouseout", changeCSSFormOut, false);
  }
  
```

3

```

e) window.addEventListener("load", prepareGUI, false);
  
```

1



1c

Uppgift nr /
Question no:

1

Poäng / Points
awarded:

function addDOM()

var divRef = document.querySelector("#Container-fluid p"); 0,5

var secondP = document.querySelector("p [title='titleSecondP']"); 0,5

Lärarens
anteckning
Examiner's remarks:

var bRef = document.createElement("b");

divRef.appendChild(bRef.createTextNode("Text i b-element")); 0,5

var iRef = document.createElement("i");

secondP.appendChild(iRef.createTextNode("Text i i-element")); 0,5

~



Ange anonymitetskod / Write your anonymity code
(Vid icke anonym tentamen ange kurskod + namn + personnummer)
(For non-anonymous exams write the course code + name + civic registration number)

ISGB15-017

Löpande sidnr
Consecutive no:

4

2.

Uppgift nr /
Question no:

2

Poäng / Points
awarded:

5

Lärarens
anteckning
Examiner's remarks:

<p>

<input type="range" min="0" max="255" id="Red"/>

<input type="range" min="0" max="255" id="Green"/>

<input type="range" min="0" max="255" id="blue"/>

<input type="button" value="Show Colors" />

<input type="reset" value="Rensa" />

</p>



Ange anonymitetskod / Write your anonymity code
(Vid icke anonym tentamen ange kurskod + namn + personnummer)
(For non-anonymous exams write the course code + name + civic registration number)

ISGB15-017

Löpande sidnr
Consecutive no:

6

4.

Uppgift nr /
Question no:

4

Poäng / Points
awarded:

5

Lärarens
anteckning
Examiner's remarks:

```
<div class="container-fluid">
```

```
<ul>
```

```
<li>ISGB11 HTML och CSS för  
webbutveckling</li>
```

```
<li>ISGB15 JavaScript för webbutveckling</li>
```

```
<li>ISGB16 Multimedia för webben</li>
```

```
</ul>
```

```
</div>
```