



ZPFFVX

Anonymkod/Anonymous code: ZPFFVX

TENTAMEN/EXAMINATION

SDXML VT2024

Modeller och språk för hantering av Tentamen/Written exam 3,5 hp/hec IB166N (SU) XMLT AF

											Poäng Points		Betyg Grade
											Foirits		Grade
	Torsdag/Thursday 2024-05-30											0,	C
09:00-13:00											29%		\
Markera besvarade frågor med 'X' / Mark answered questions with 'X'												Antal blad	
1	2	3	4	5	6	7	8	9	10	11	12		# sheets
X	X	X	X	X	X			· ·					
	•		•		,								13
Vakt kontrollerat antal blad:											,	6	4.

Obs! Denna sida måste ligga överst - This page should be placed in front Avlägsna tomma blad före inlämningen Remove empty sheets before handing in the exam Fyll i samtliga uppgifter på sidhuvudet på varje blad Please fill in all information in the header on each sheet







SDXML

Datum/Date

2024-05-30

Uppgift nr/Question number

Blad nr/Page number

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- 1) A neell formed XML is one that is syntactically correct, has all matching opening and lasing tags.
- 2) PSVI is Post shorn realidation infoset.
- 3) Proceeding instruction is a type of command in requery.
 - 4) JSON shorra is a set of rules a JCON descrit

6) SVG - scalable rectors graphics. It is used to dear render animations, shapes, circles an a neeb browser.



SDXML

Datum/Date

2024-05-30

Uppgift nr/Question number

2

Blad nr/Page number

Anonymkod / Anonymous code

ZPFFVX

```
1 "noni!: "abled",

"colors": ["blue", "green", "yelloue"],

"sizes": [f"code": "abe", "price: 1000],

"available": true

One more size
```



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Tentamen/Examination

SDXML

Datum/Date

2024-05-30

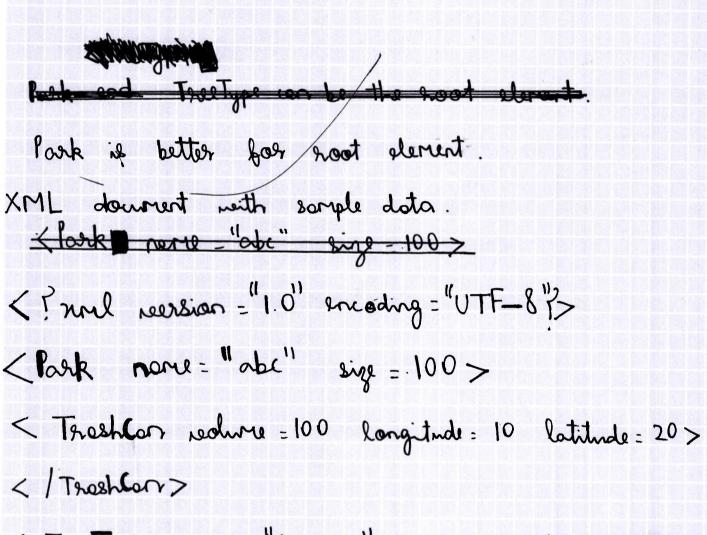
Uppgift nr/Question number

Blad nr/Page number

3

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< TreeType or norre="bonyen" maximumHeight = 100 averagelibel 1 Xars = 200>

< TreeTypehlark number = 100 planted = 10:03:20>

</treatypeinPark>

</ Tree Type >

</Park>

more Parks tree types in no park?



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SIXML

Datum/Date

2024-05 -30

Uppgift nr/Question number

3

Blad nr/Page number

4

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XML schera - < ? rul recrois = "1.0" encoding="UTF-8" < schera > missing in previous page < element none = db type = dbType > < / element > < complettype name = dbType > sequence? < element nome = lark type = larktype > </element > </complettype > < complextype none: Parktype> < attribute nome type: String > </ attribute > < attribute size type: Integer > </ attribute > < general? mo Hiplicities? < element nome: Traschear type: Traschlantype > < slevent nouve = TreeType type = TreeTypeType > </element> </ complextype > < complexType name = Trashlantype > < ottribute name = redune type = Integer > (attribute > < ottribute nome = longitude type = Number X/ottributes

*



SDXML

Uppgift nr/Question number

Blad nr/Page number

Anonymkod / Anonymous code

5

ZPFFVX

Datum/Date 2024 - 05 - 30

type = Nurber > </ ottribute> shutitel = eran studietto> </complettype>

<complexitype name = TreeTypeType >

< attribute none = none type = String > </ ottribute >

< attribute nome = maximum Height Type = Integer > </ attribute > < attribute > areeragelibe In Years Type = Integer > </orthite>

< slevent some = TreeTypeInPark type = TreeType InPark

Type minucurs= | maxours: unbounded >

</complexType>

< complentype name = Tree Type InPark Type >

< ottribute name: number type: Integer? </ottribute>

< ottribute name = planted type = Date > </ complentype > </sheria>



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Tentamen/Examination

SDXML

Datum/Date

2024-05-30

Uppgift nr/Question number

4 a

Blad nr/Page number

8

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1 elever Genres (

for \$9 in the distinct-realis (// bense)

let \$M:= for \$a in // Moreie some \$a/ venre = \$9])

return element Moreie { attribute

Title (\$ of @ title), attribute

Nurber Of Other Genres - { count (\$ a/ Genre)

return elevent ceive of attribute Nove (\$3) /texter

literal



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Datum/Date

2021-05-30

Uppgift nr/Question number

46

Blad nr/Page number

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b) element Result (

for \$9 in distint-reduces (// Genta)

let \$:= for \$ in . // Showing

where \$8/../../ tent() = \$9

return element showing feats @ & & Pentherte starter }

threlly, attribute movine (\$8/../../.)
10 title}, attribute movine (\$8/../../.)
attribute inema (\$9/../@Nare), 3!

ottribute hall {\$8 p hall}

retion element bense & attribute name (\$9/ text)

\$ sm }

literal

e Nove



SDXML

Datum/Date

2024 - 05 - 30

Uppgift nr/Question number

Blad nr/Page number

10

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c) $\angle D >$ Movie Title

</D>



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</nsl: element>

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SDXML

Datum/Date

2024-05-30

Uppgift nr/Question number



Blad nr/Page number

6

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< nel: transform < nel: output method= "html"> < xel: template motion: "/"> html, body < H> Ciremas </H> < ta>> Cinema > Number of hells > Number of Shoneings > Number of different movies shower (not for each select = // Cinema,) < nol: element nome = "@Name">



SDXML

Datum/Date

2024-05-30

Uppgift nr/Question number

5

Blad nr/Page number

7

Anonymkod / Anonymous code

ZPFFVX

do-fulser: 1815>



SDXML

Datum/Date

2024-05-30

Uppgift nr/Question number

6

Blad nr/Page number

11

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SELECT XMLELEMENT (NAME "Bonk", XMLATTRIBUTE (NAME Lode), code),

XMLATTRIBUTE NAME "Norre", norre),

XMLATTRIBUTE (NAME "HighestRote Ever",

XMLQ ERY (man (tota))

FROM

Bank, Account Type

join-condition.

GROUP BY bank

No XML in result.

• The second sec *C. E. *



SDXML

Datum/Date

2024-05-30

Uppgift nr/Question number

6

Blad nr/Page number

12

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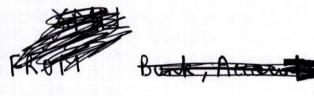
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b) SELECT XMLELEMENT (NAME "Result",

XMLATTRIBUTE (NAME "Bonk",

XMLATTRIBUTE (NAME "Nome", nome),

XMLATTRIBUTE (NAME " (ode", code))



FROM Bonk, Account Type

free Withdrawals?

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Tentamen/Examination

SDXMI

Datum/Date

2024-05-30

Uppgift nr/Question number

Blad nr/Page number

13

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SELECT XMLELEMENT (NAME "Result", XMLAGG (SELECT XMLELENT (

NAME "AccountType", XMLATTRIBUTES

NAME "bankrade" (ode)

XMLATTRIBUTE (NAME "benknone", none), XMLATTRIBUTE (NAME "nome ", nome),

FROM Bank, Account Type join condition

WHERE AccountType [notes] > 4 AND