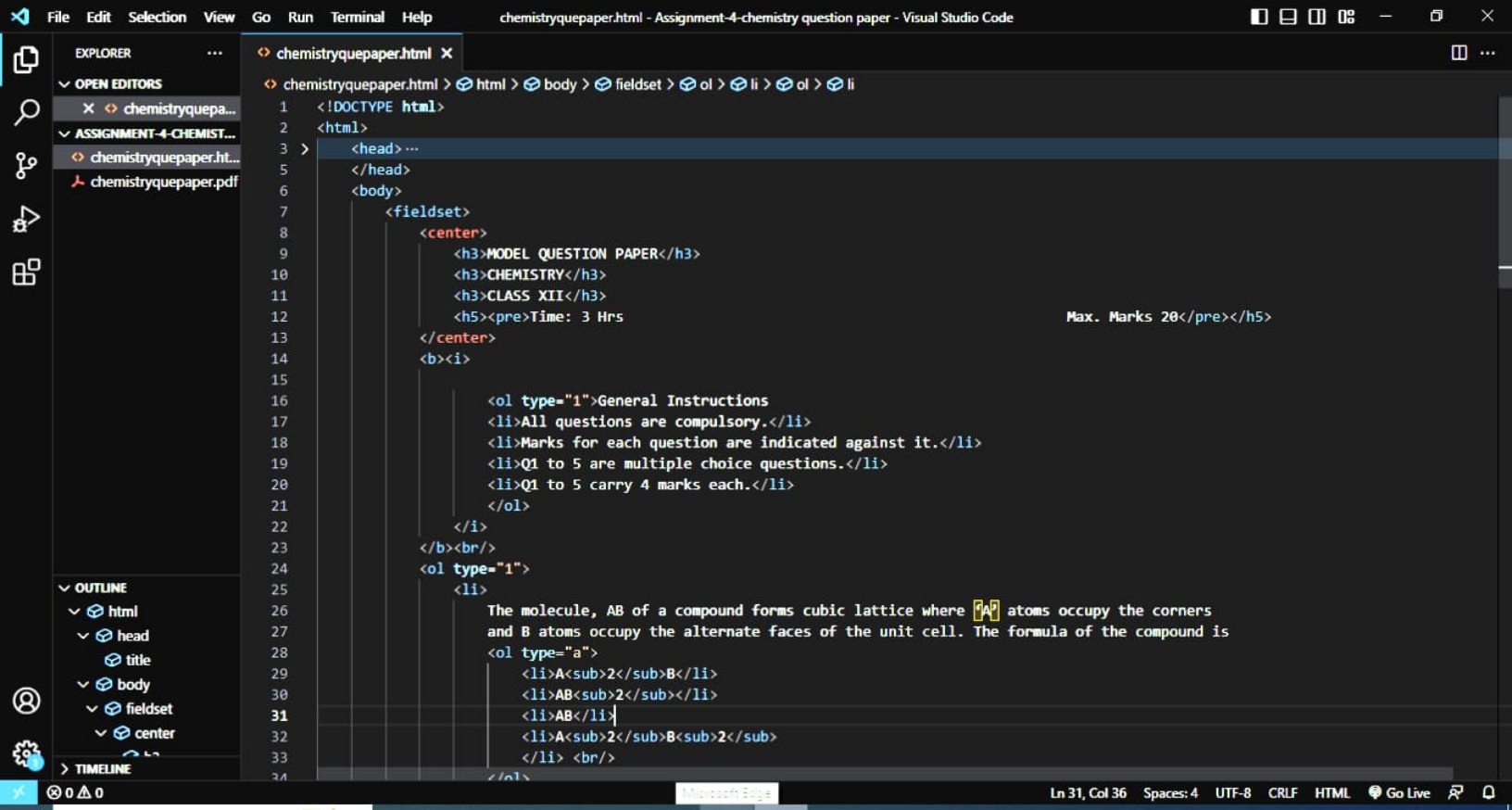
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1 <!DOCTYPE html>
2 <html>
3 <head> ···
5 </head>
6 <body>
7 <fieldset>
8
9 <h3>MODEL QUESTION PAPER</h3>
10 <h3>CHEMISTRY</h3>
11 <h3>CLASS XII</h3>
12 <h5><pre>Time: 3 Hrs Max. Marks 20</pre></h5>
13
14
16 <ol type="1">General Instructions
17 All questions are compulsory.
18 Marks for each question are indicated against it.
19 Q1 to 5 are multiple choice questions.
20 Q1 to 5 carry 4 marks each.
21
22
23
24 <ol type="1">
25
26 The molecule, AB of a compound forms cubic lattice where [A] atoms occupy the corners
27 and B atoms occupy the alternate faces of the unit cell. The formula of the compound is
28 <ol type="a">
29 A₂B
30 AB₂
31 AB
32 A₂B₂</sub>
33
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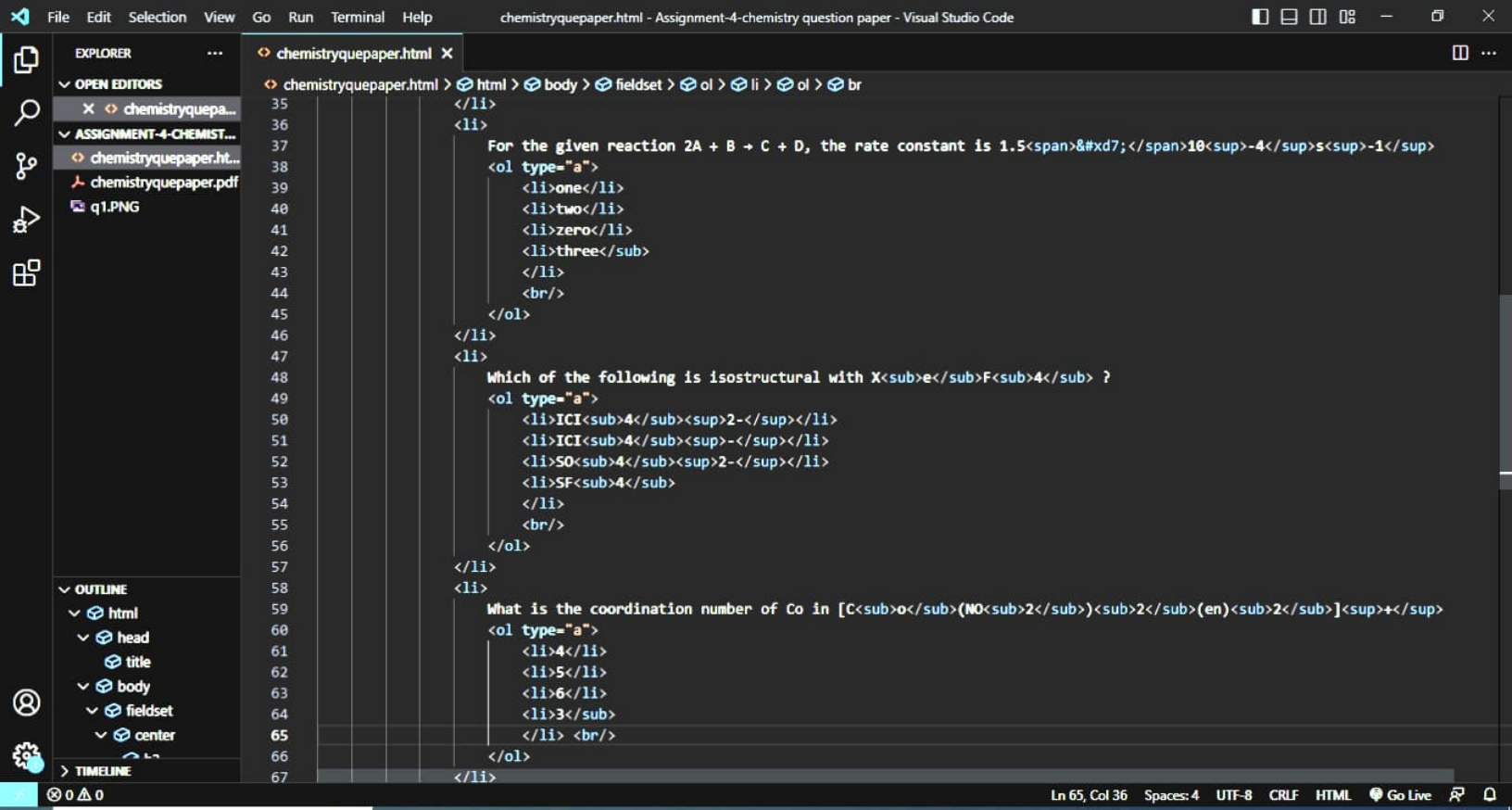
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35
36
37 For the given reaction 2A + B → C + D, the rate constant is 1.5×10-4s-1
38 <ol type="a">
39 one
40 two
41 zero
42 three</sub>
43
44
45
46
47
48 Which of the following is isostructural with XeF4 ?
49 <ol type="a">
50 ICI4-
51 ICI4-
52 SO4 2-
53 SF4</sub>
54
55
56
57
58
59 What is the coordination number of Co in [Co(NO2)2(en)2]+
60 <ol type="a">
61 4
62 5
63 6
64 3</sub>
65
66
67
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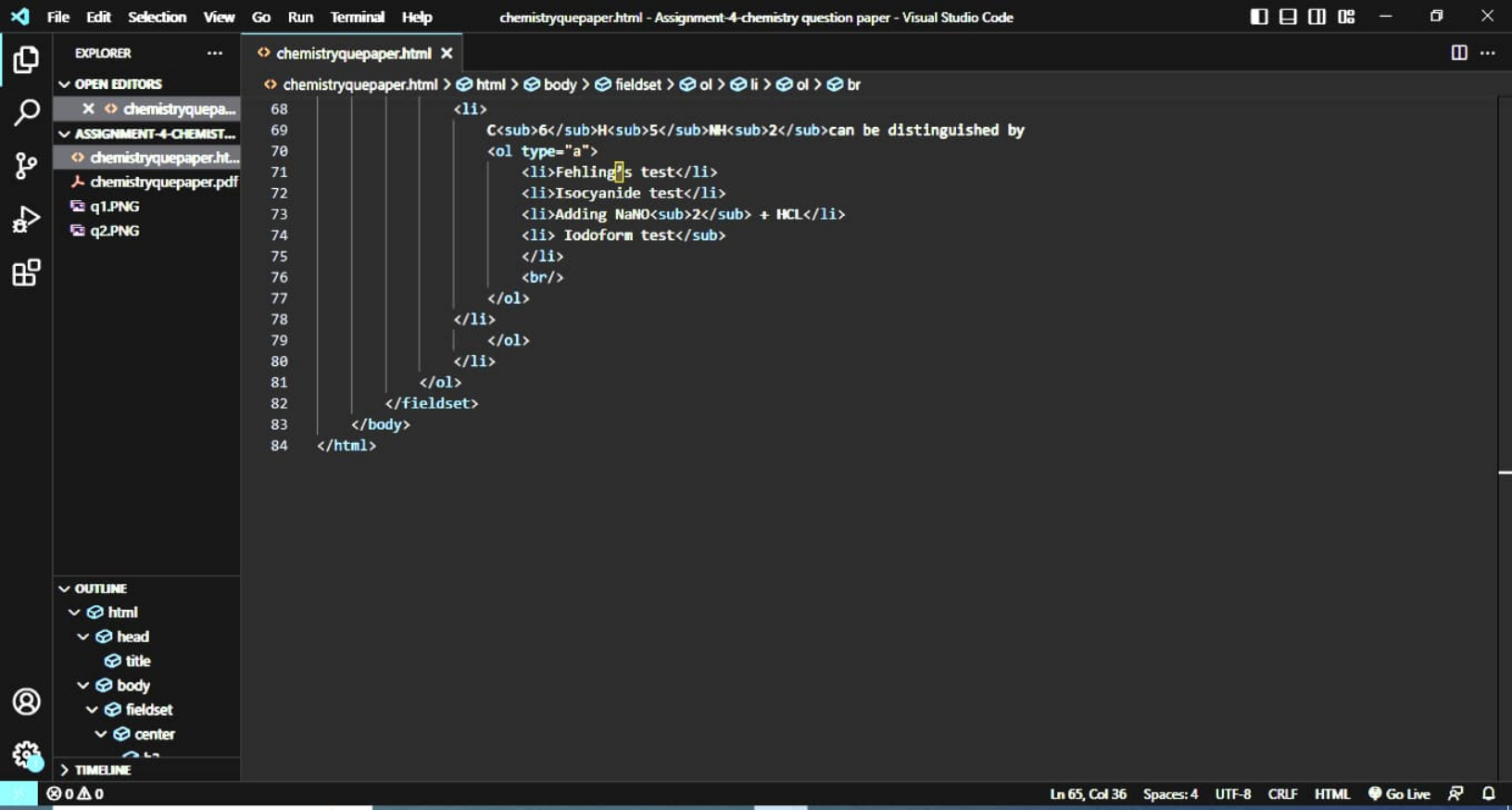
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68
69 C₆H₅NH₂can be distinguished by
70 <ol type="a">
71 Fehling's test
72 Isocyanide test
73 Adding NaNO₂ + HCL
74 <li> Iodoform test</sub>
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MODEL QUESTION PAPER

CHEMISTRY

CLASS XII

Time: 3 Hrs Max. Marks 28

General Instructions

1. All questions are compulsory.
2. Marks for each question are indicated against it.
3. Q1 to 5 are multiple choice questions.
4. Q1 to 5 carry 4 marks each.

1. The molecule, AB of a compound forms cubic lattice where 'A' atoms occupy the corners and B atoms occupy the alternate faces of the unit cell. The formula of the compound is
   a. A_2B
   b. AB_2
   c. AB
   d. A_2B_2

2. For the given reaction $2A + B \rightarrow C + D$, the rate constant is $1.5\times10^{-4}s^{-1}$
   a. one
   b. two
   c. zero
   d. three

3. Which of the following is isostructural with XeF_4 ?
   a. ICl_4^{2-}
   b. ICl_4^{-}
   c. SO_4^{2-}
   d. SF_4

4. What is the coordination number of Co in $[Co(NO_2)_2(en)_2]^+$
   a. 4
   b. 5
   c. 6
   d. 3

5. $C_6H_5NH_2$ can be distinguished by
   a. Fehling's test
   b. Isocyanide test
   c. Adding $NaNO_2$ + HCL
   d. Iodoform test