

# National University of Computer and Emerging Sciences

Fast School of Computing Fall 2025

CS-1002 PF (CS)

A

Quiz # 2 [10 marks]

Time = 10 minutes Name: \_\_\_\_\_

Roll No: \_\_\_\_\_

**Tell if the following code snippet will produce an error or will give an output; in case of an output write all outputs down; if its an error, explain the error fully**

<pre>#include &lt;iostream&gt; #include &lt;iomanip&gt;  using namespace std;  int main () {     cout &lt;&lt; setfill(' ') &lt;&lt; setw(8) &lt;&lt; "/" &lt;&lt; " "     &lt;&lt; "\\" &lt;&lt; endl &lt;&lt; setw(8) &lt;&lt; "//" &lt;&lt; " " &lt;&lt;     "\\\\" &lt;&lt; endl &lt;&lt; setw(8) &lt;&lt; "///" &lt;&lt; " " &lt;&lt;     "\\\\\\" &lt;&lt; endl &lt;&lt; setw(9) &lt;&lt; " " &lt;&lt; endl; }</pre>	<pre>#include &lt;iostream&gt; using namespace std;  int main() {     int a = 15, b = 4, x = 7;char c = 'A', d = 'Z';     float f = 3.7f, g = 2.1f;bool flag = true, check = false;     double result = static_cast&lt;double&gt;(a/b) +         static_cast&lt;int&gt;(c);cout &lt;&lt; result;     int temp = static_cast&lt;int&gt;(f) + b;     cout &lt;&lt; temp * static_cast&lt;int&gt;(d - c);     cout &lt;&lt; static_cast&lt;double&gt;(flag) + 2.5;     float mixed = static_cast&lt;float&gt;(x) / b;cout &lt;&lt;     static_cast&lt;int&gt;(mixed + g);cout &lt;&lt; static_cast&lt;char&gt;(c + 5);     bool final = static_cast&lt;bool&gt;(a % b);cout &lt;&lt;     static_cast&lt;int&gt;(final) * 10;     cout &lt;&lt; static_cast&lt;double&gt;(x * b) / static_cast&lt;double&gt;(a);      return 0; }</pre>
Output for (a) part:	Output for (b) part: