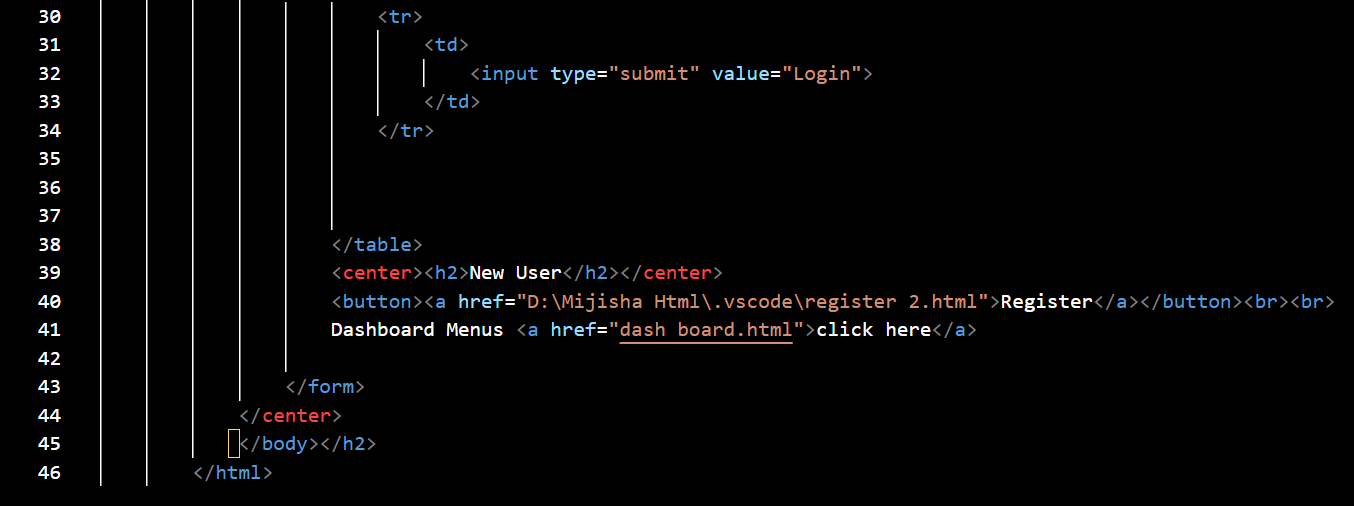
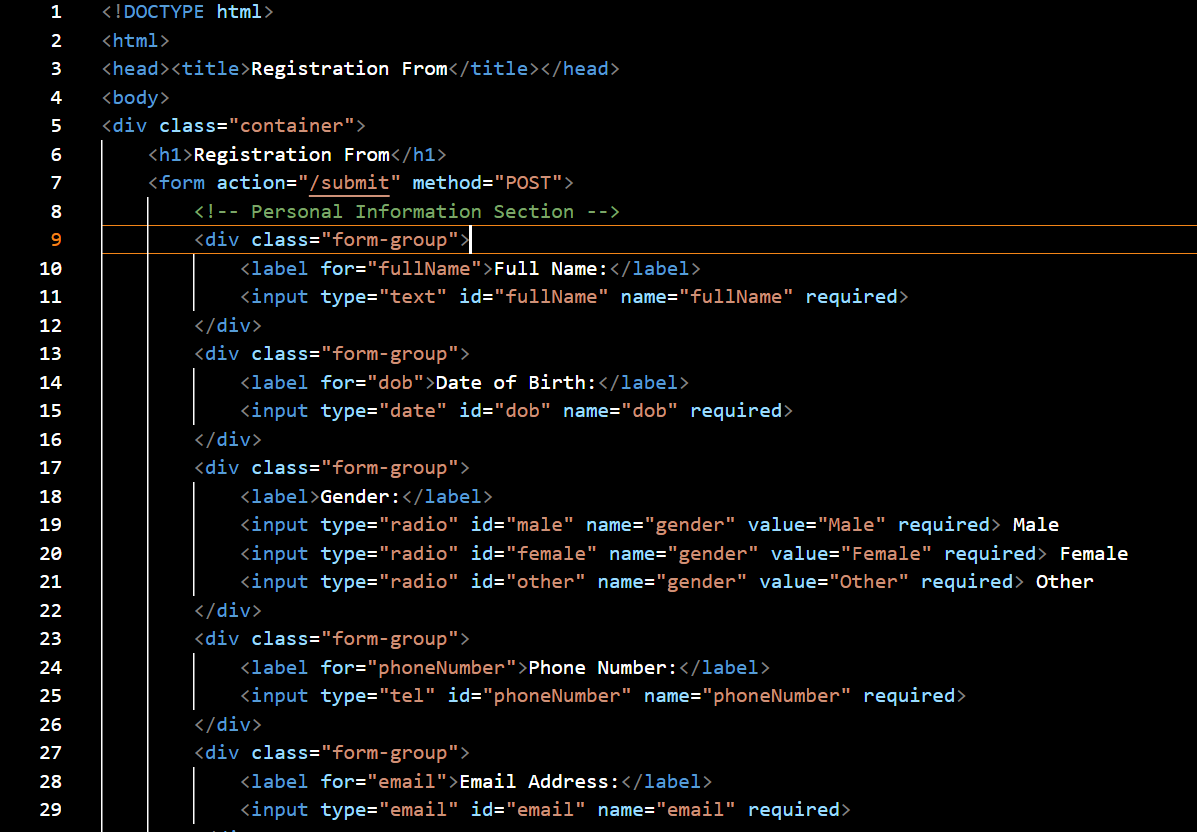
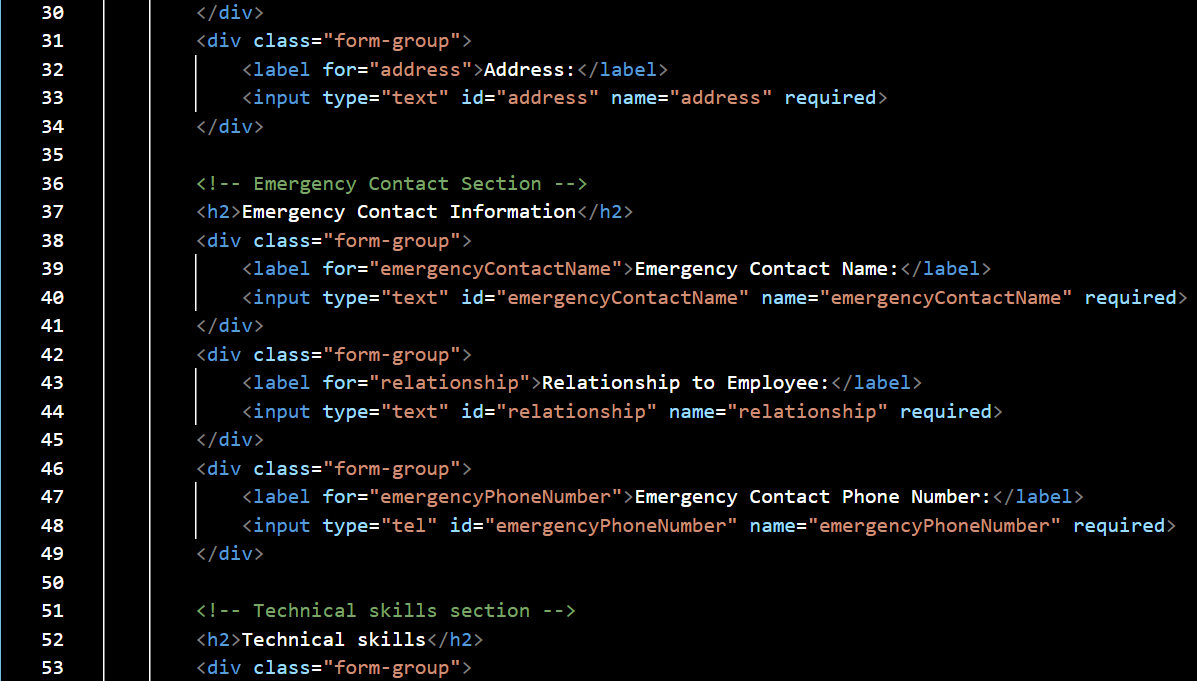
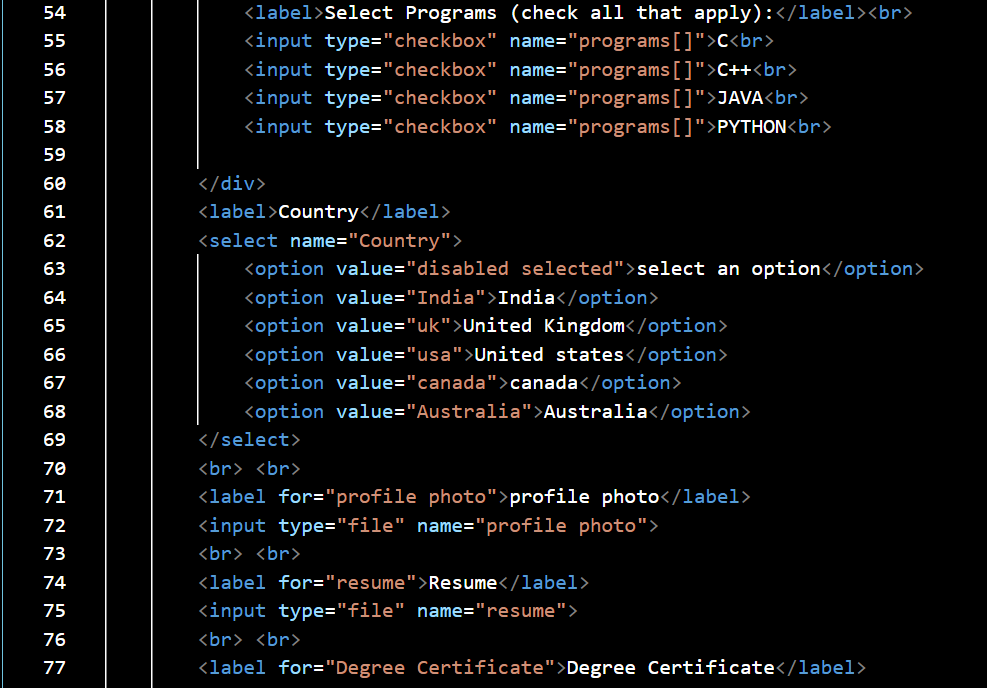
**Source code:**

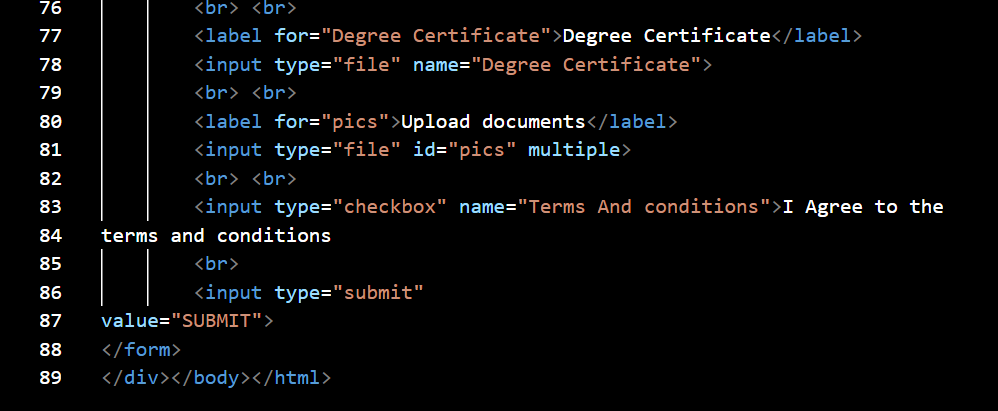
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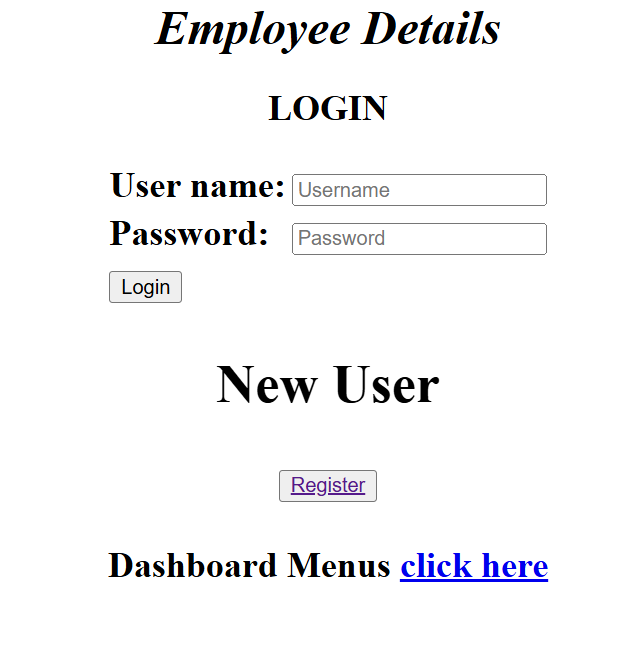
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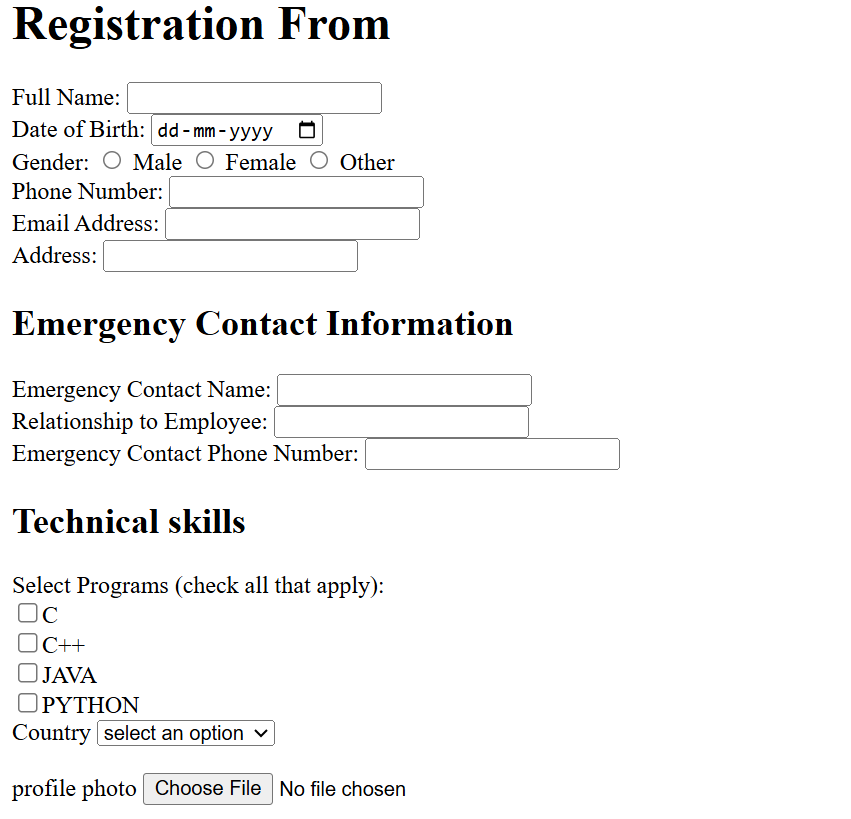
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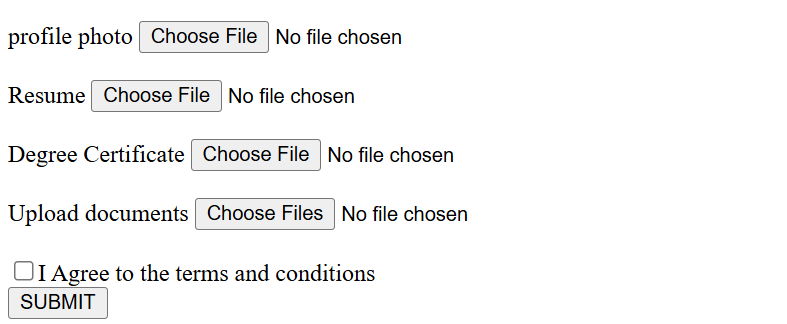
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**Output:**

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