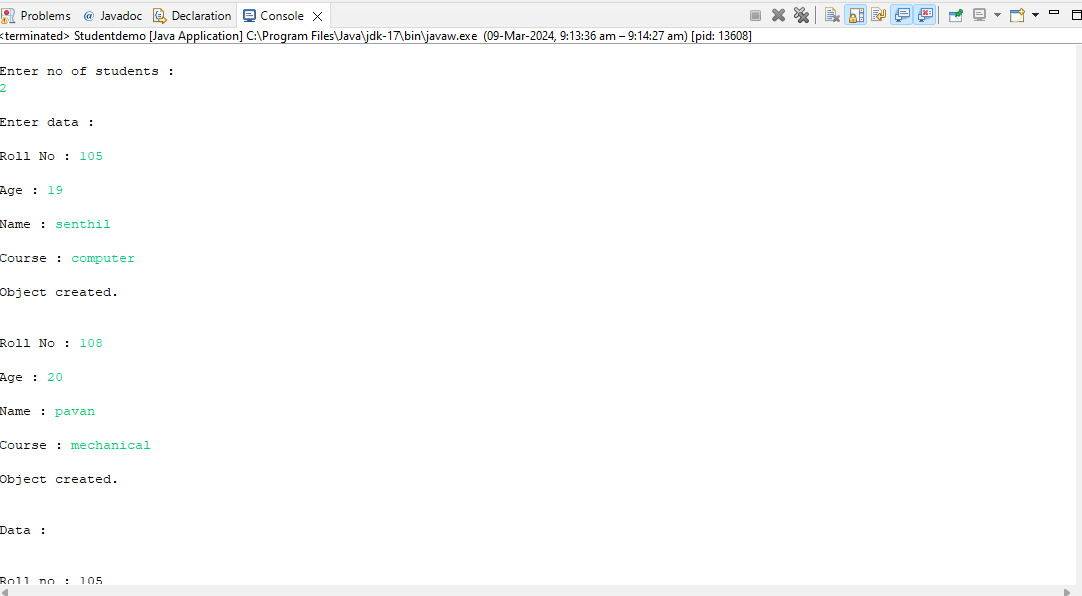
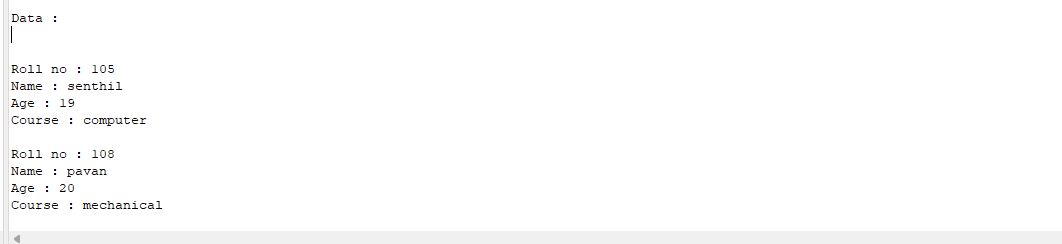
**Question 1:**

**Screenshot of Output:**

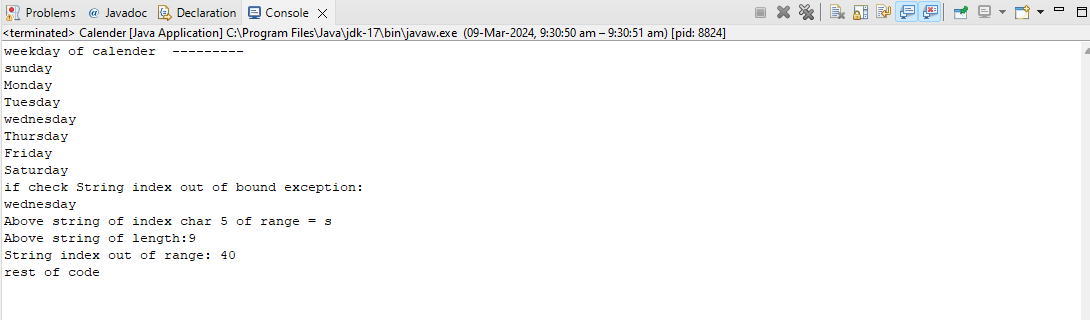
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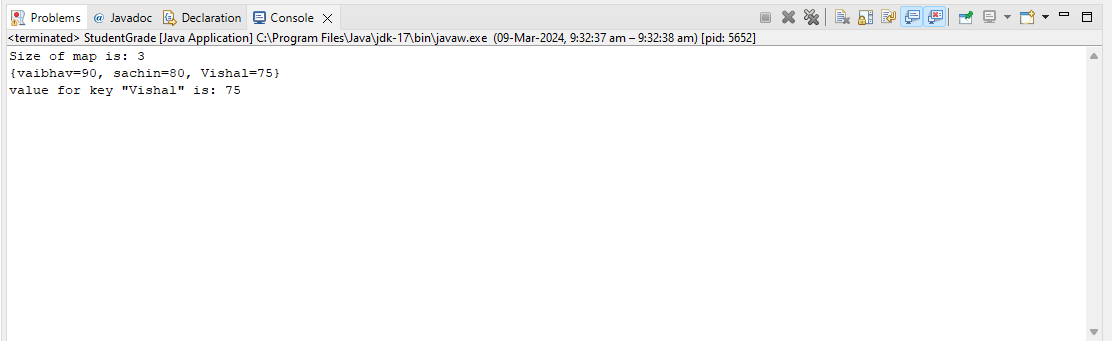
**Question 2:**



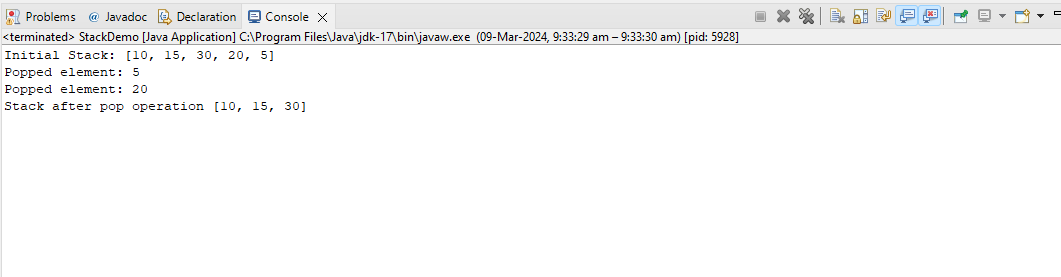
**Question 3:**

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**Question 4:**

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**Question 5:**

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