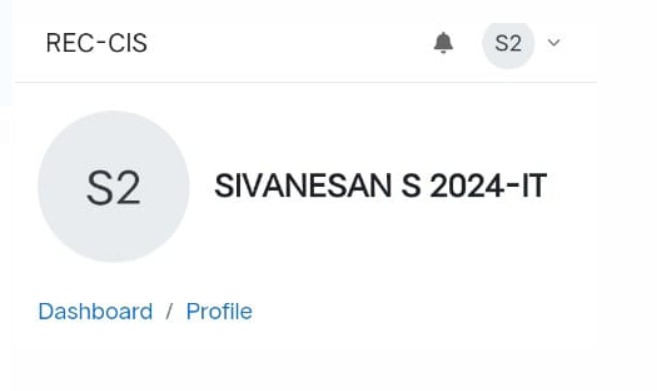
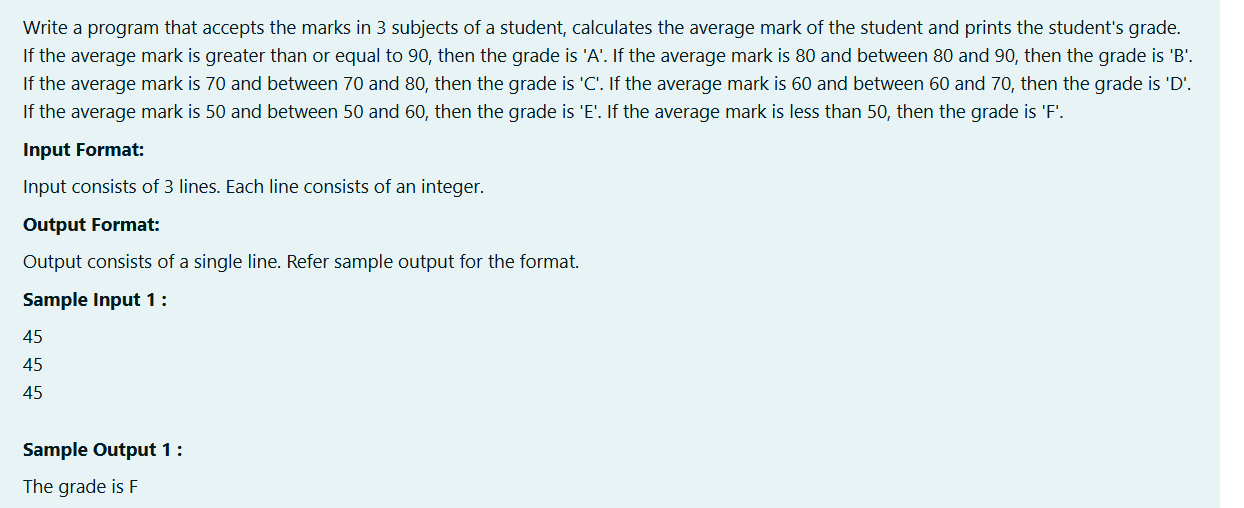
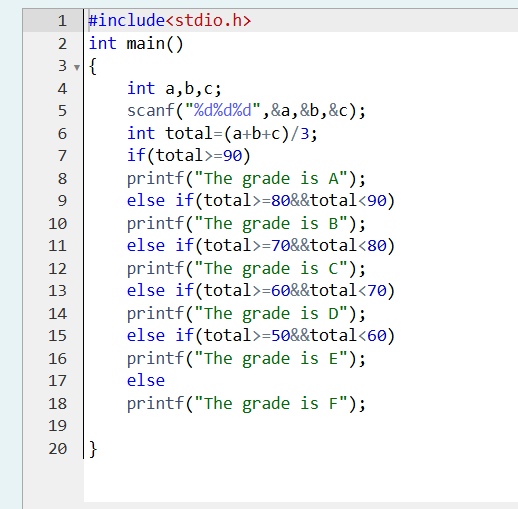
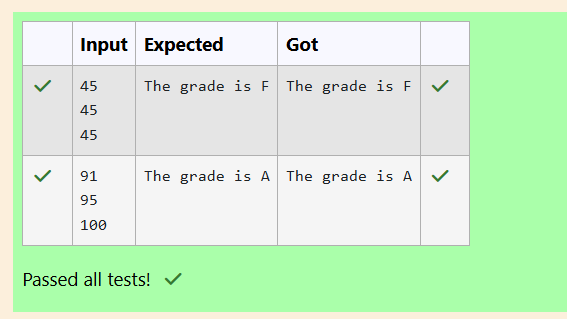
**1.PROBLEM STATEMENT **



**CODING**

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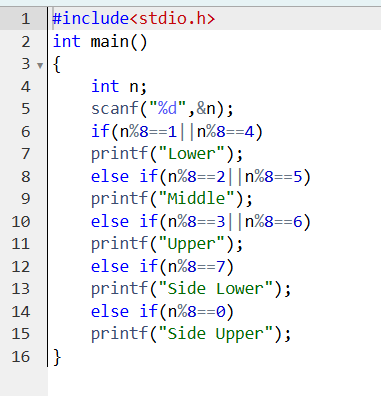
**OUTPUT**

****

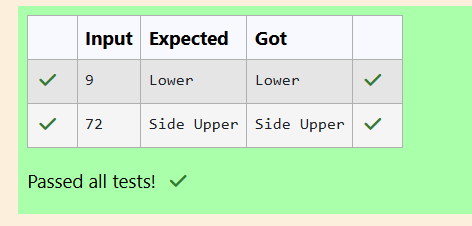
2. **PROBLEM STATEMENT**



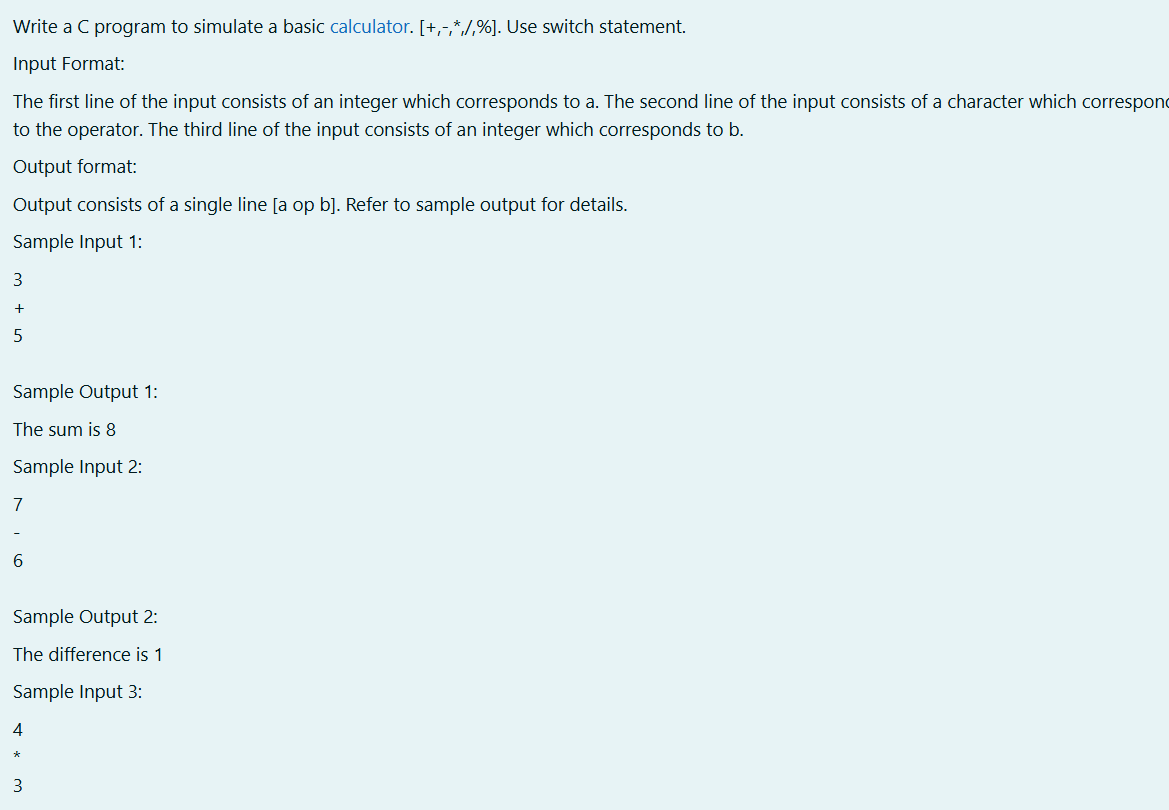
**CODING**

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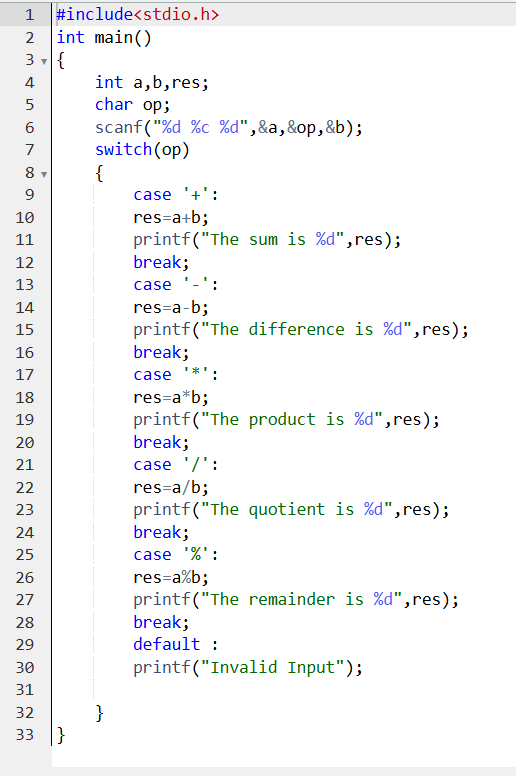
**OUTPUT**

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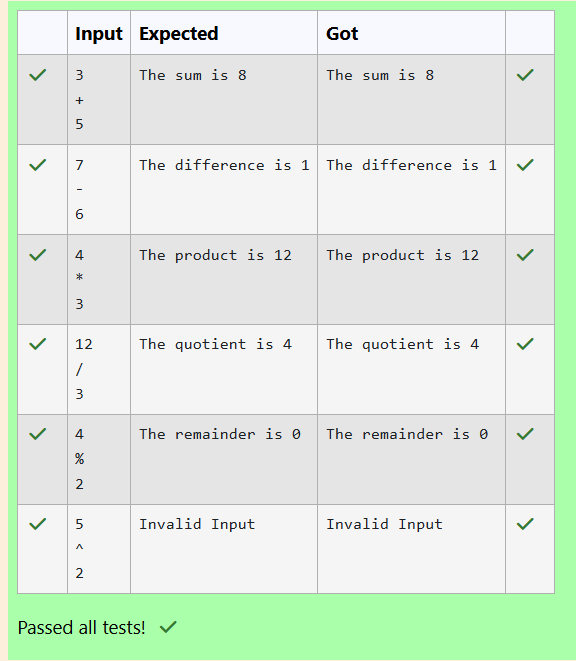
1. **PROBLEM STATEMENT**

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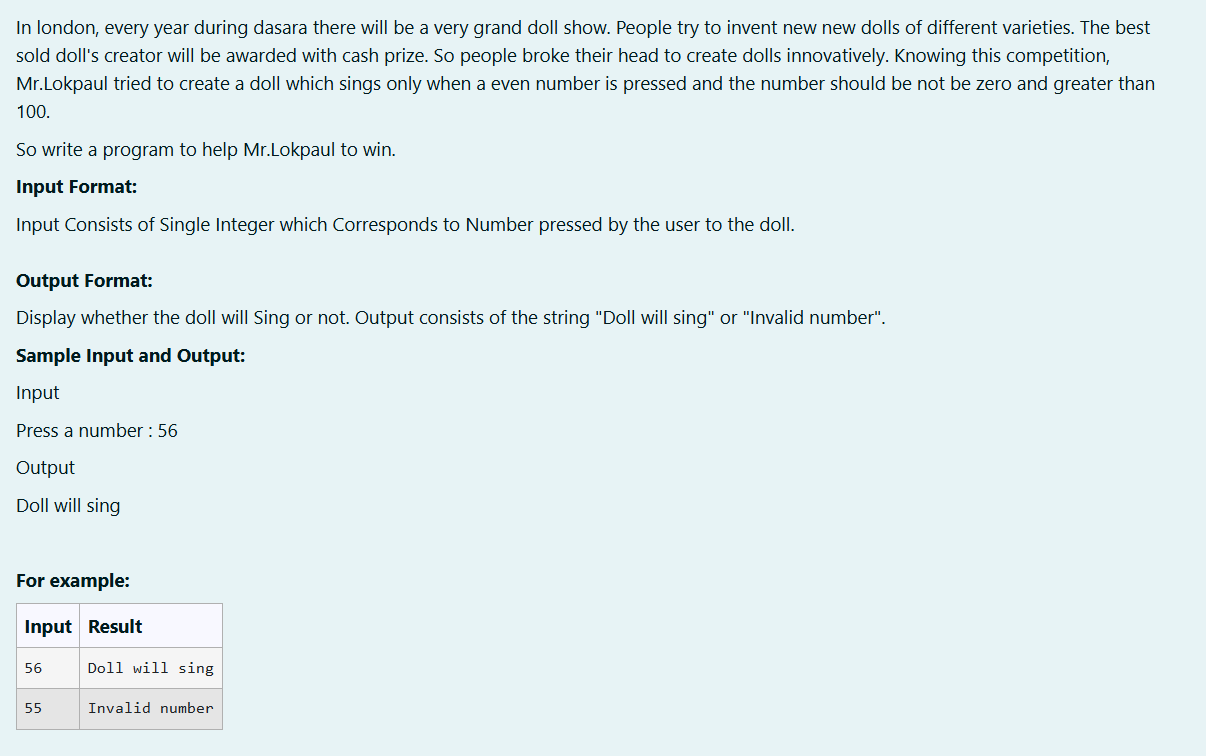
**CODING**

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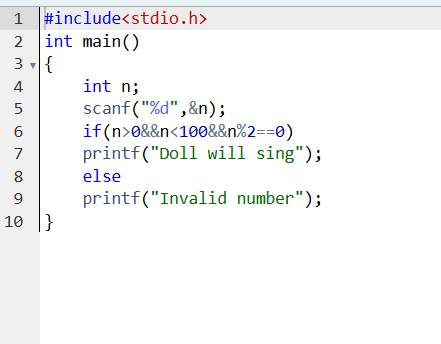
**OUTPUT**

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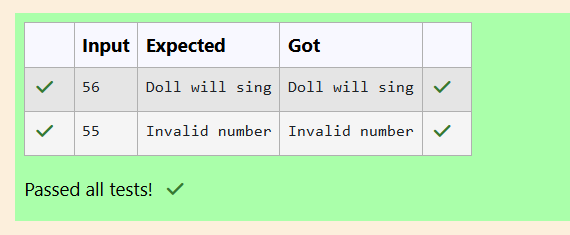
1. **PROBLEM STATEMENT**

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**CODING**

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**OUTPUT**

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