

**Introduction to C Programming**

# **Module 2.5: Practice Day 01**

**Topics:**

1. Input Output
2. Data Types
3. If Else
4. If Else Ladder
5. Nested If Else

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You need to print the lines given below in the same format as it is -

“Recently I heard that you’ve achieved 95% marks in your exam.

This is brilliant!

I wish you’ll shine in your life! Good luck with all the barriers(/\) in your life.”

| **Sample Input** | **Sample Output** |
| --- | --- |
| There is no input | Recently I heard that you’ve achieved 95% marks in your exam.  This is brilliant!  I wish you’ll shine in your life! Good luck with all the barriers(/\) in your life. |

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You need to take two integer values as input and show the summation, subtraction, multiplication and division in the given format below.

**For example:**

Inputs are 5 and 2

Then you’ll give output as:

5 + 2 = 7

5 - 2 = 3

5 \* 2 = 10

5 / 2 = 2.50

| **Sample Input** | **Sample Output** |
| --- | --- |
| 5 2 | 5 + 2 = 7  5 - 2 = 3  5 \* 2 = 10  5 / 2 = 2.50 |
| 10 3 | 10 + 3 = 13  10 - 3 = 7  10 \* 3 = 30  10 / 3 = 3.33 |

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You need to take one non-negative integer (0 or greater than 0) value as input and tell if it is **even** or **odd**.

See the sample input and output for more clarification.

| **Sample Input** | **Sample Output** |
| --- | --- |
| 10 | even |
| 3 | odd |

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You need to take one integer value as input and tell if the value is **positive** or **negative** or **zero**.

See the sample input and output for more clarification.

| **Sample Input** | **Sample Output** |
| --- | --- |
| 10 | positive |
| -50 | negative |
| 0 | zero |

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Suppose your friend has told you that she will buy a **Gucci Bag** if she has 10 thousand taka or more. Otherwise if she has 5 thousand taka or more, she will buy a **Levis Bag**. Otherwise she will buy **Something** from New Market. She also told you that, if she could buy the Gucci bag and she has more than 20 thousand taka she will also buy a **Gucci Belt**.

Now, if you know the amount of money she has, can you tell which item/items she will buy?

See the sample input and output for more clarification.

| **Sample Input** | **Sample Output** |
| --- | --- |
| 20000 | Gucci Bag |
| 6500 | Levis Bag |
| 200 | Something |
| 25400 | Gucci Bag  Gucci Belt |