A blue logo with a graduation cap and arrow

Description automatically generated

**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

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. |

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 |

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 |

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 |

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 |