**ASSIGMENT 1**

Aim: Getting familiar with understanding arithmetic and logical operations; and understanding decisions.

1. Write a program that includes the following steps:
   1. Read an integer from keyboard and print out whether it is odd or even

# Sample output:

Please enter an integer: 5

5 is odd

* 1. Scan an integer from keyboard and print out whether it is positive or negative

# Sample output:

Please enter an integer: -20

-20 is negative

* 1. Read two integers from keyboard and print out the smaller one

# Sample output:

Please enter two integers: 54 32 Smaller one is 32

* 1. Take two real numbers (double or float) from keyboard and print out the multiplication result of them

# Sample output:

Please enter two real numbers: 3.3 4.25 Multiplication result is 14.025

1. Write a program that prints out the square and the cube of the numbers from 0 to 5.

# Sample output:

|  |  |  |
| --- | --- | --- |
| Number | Square | Cube |
| 0 | 0 | 0 |
| 1 | 1 | 1 |
| 2 | 4 | 8 |
| 3 | 9 | 27 |
| 4 | 16 | 64 |
| 5 | 25 | 125 |

**HINT:** Use ‘\t’ and ‘\n’ in printf();