**INDIAN SCHOOL AL WADI AL KABIR**

Holiday Homework Worksheet, 2025-26

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| **Class: XI** | **SUB: INFORMATICS PRACTICES** | **Date of Completion:****03/08/2025** |
| **Execute programs on Python editor** | **TOPIC: PRACTICAL QUESTIONS** | **Note: Programs to be written in the record book** |

1. Write a python program to print “Hello World “using python shell with interactive mode.
2. Write a python program to input two numbers from user find their sum and print it on the screen.
3. Write a python program to find the average of five numbers given by user.
4. Write a python program to input name, class, section of student and display the same.
5. Write a python program to find final amount for given cost, quantity and discount by user.

Cost\*quantity-discount

1. Write a program to perform all the arithmetic operations on two numbers X and Y given by user and display the output.
2. Write a Python program to check and display whether a No. is Odd or Even or not.
3. Write a Python program to check and display whether a No. is multiple of 5 or not.
4. Write a Python program to check and display whether a No. is divisible by 8 or not.
5. Write a python program to find the eldest person after taking age of two person from user.
6. Write a Python program to find and display the discount amount of a shopping made by the customer based on the following conditions.

 Bill Amount Discount %

 Rs. 5,000 and above 8% of Bill Amount

 < Rs. 5,000 Nil

1. Write a Python program to print the Income & Tax of Employee. The Tax calculation is based on the following conditions.

 Income Tax %

 < Rs. 20000 5% of Income

 Rs. 20000 to Rs. 25000 8% of Income

 Above Rs. 25000 15% of Income

[Total Income =Income- Tax]

Display all the information Income &Tax

1. Write a Python program to input a basic salary of an employee and calculate the Special Incentive based on the following criteria:

Basic Salary Special Incentive

Less than Rs. 3,000 25 % of Basic Salary

Between Rs. 3,000 and Rs. 5,000 35 % of Basic Salary

Between Rs. 5,001 and Rs. 10,000 50 % of Basic Salary

More than Rs. 10,000 75 % of Basic Salary