



INDIAN SCHOOL AL WADI AL KABIR

Holiday Homework, 2024-25

Class: 11th (IP)

Department: Computer Science

Date of submission:

11/08/2024

Q.1 Prepare a presentation on any of the given topic below as a part of Art Integration Project. Your presentation should contain minimum of 8 slides.

- i) Appropriate usage of Social Networks
- ii) Technology and Society

Q.2 Write the below given programs in a Record Book

1. Write a program to input two numbers from user find their sum and print it on the screen.
2. Write a program to input principal, rate and time and calculate the simple interest.
3. Write a program to find final amount for given cost, quantity and discount by user.
4. Write a Python program to check and display whether a No. is Odd or Even .
5. Write a Python program to check and display whether a No. is multiple of 5 or not.
6. Write a Python program age of a person and check whether he is eligible to vote or not.
7. Write a python program to find the eldest person after taking age of two person from user.
8. Write a program to input two numbers and an arithmetic operator and perform the arithmetic operation on the two numbers given by user and display the output.
9. 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

10. 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

11. 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

12. Write a program to find factorial value of the given number.

13. Write a program to display the factors of a number.

14. Write a program to count the number of values divisible by 3 in the range 20-50.

15. Write a program to display the number of values divisible by 5 in the range 101-200