



INDIAN SCHOOL AL WADI AL KABIR

Holiday Homework, 2024-25

Class: 11th (CS)

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 principal, rate and time and calculate simple interest.
2. Write a Python program that reads time in seconds and print it in form : hours ,mins and seconds.
3. Write a program to accept a number from the user and display whether it is an even or odd
4. Write a Python program to input an arithmetic operator and two numbers and perform the operation based on the input operator.
5. 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 10000	15 % of Basic Salary
Between 10000 and 19999	25 % of Basic Salary
Between 20000 and 49999	35 % of Basic Salary
Otherwise	50 % of Basic Salary
6. Write a program to input 3 subject marks and calculate total, percentage and also grade .

Percentage	grade
≥ 90	A
80 – 90	B
70 – 80	C
60 – 70	D
< 60	E
7. Write a program to find the roots of a quadratic equation where the co-efficient a, b, and c are inputted by the user.
8. Write a program to print the sum of even numbers and odd numbers from 1 to 50.