



# INDIAN SCHOOL AL WADI AL KABIR

<b>Class: 11<sup>th</sup> (CS)</b>	<b>Department: Computer Science</b>	<b>Date of submission:</b>
<b>Worksheet No: 4</b>	<b>Topic: Python Programs</b>	<b>Note: To be written in the record book</b>

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
$\geq 90$	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.
9. Write a program to find the sum of digits of a number entered by a user using while loop.
10. Write a program to reverse a number entered by and user and display the same.
11. Write a program to check whether a number entered by a user is palindrome or not.