

Computer Programming, IIITS
Fall 2019
Lab-3

Part A

1. Read a 4 digit number from user and compute and print the sum of the digits.
2. Read the input as the distance travelled by a car and the fuel consumed. Then, compute the mileage of the car.
3. Read the number of days from user and convert it into number of months and days.
E.g.
INPUT- Enter days : 265
OUTPUT- Months: 8, Days: 25
4. Repeat 3 for no. of years, months and days.
5. Input the amount value and break it into smallest possible Indian currency notes.
E.g. Rs. 165 = 100 + 50 + 10 + 5
6. Given an integer as number of seconds, calculate the number of hours, minutes and seconds.
7. Read the temperature in Fahrenheit and convert it into Celsius ($C = (F - 32) / 1.8$, where $0 \leq F \leq 250$).

Part B (Optional)

8. Find the roots of a quadratic equation such as $ax^2 + bx + c = 0$. The coefficients a, b, c should be taken as input from the user. If $(b^2 - 4ac) < 0$, print that roots are imaginary.
9. Read N floating point numbers from user and compute their average.