

INF 2105: SOFTWARE APPLICATION DEVELOPMENT

PRACTICAL SESSION

1. Write a program that plays a word game with the user. The program should ask the user to enter the following:
His or her name, His or her age, The name of a city, The name of a college, A profession, A type of animal, A pet's name
After the user has entered these items, the program should display the following story, inserting the user's input into the appropriate locations:
There once was a person named **NAME** who lived in **CITY**. At the age of **AGE**, **NAME** went to college at **COLLEGE**. **NAME** graduated and went to work as a **PROFESSION**. Then, **NAME** adopted a(n) **ANIMAL** named **PETNAME**. They both lived happily ever after!
2. A bus company organizes a tour. each participant would pay \$2500. Given the number of participants, write a program that calculate and prints the revenue the company will generate for the tour.
3. Write a program that reads number of gallons of gas in the tank of a car, the number of miles per gallon, and the price of gas per gallon. the program then computes and prints:
 - 1 - How far (in miles) the car can travel with the gas
 - 2 - The cost of travelling 250 miles with the car
4. Write a program that prompts the user to enter the minutes (e.g., 1 billion), and displays the number of years and days for the minutes. For simplicity, assume a year has 365 days.

Use class name MinsToYearsDays

Here is a sample run:

```
Enter the number of minutes: 1000000000 ↵
1000000000 minutes is approximately 1902 years
and 214 days
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