

King Saud University
College of Computer & Information Science
CSC111 – Assignment 2
IO, Variables, Expressions
All Sections

Instructions

1- You must submit your solution using Web-CAT grading system.

Web-CAT can be accessed from eclipse using the following IP address (single line):

```
http://10.131.240.28:8080/Web-CAT/WebObjects/Web-CAT.woa/wa/assignments/eclipse
```

2- Due date: Sunday Sep 13nd at 11:59pm

3- You can discuss answers with your colleagues but **cheating is prohibited and there will be extreme consequences.**

Question 1

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
```

Question 2

Body Mass Index (BMI) is a measure of health on weight. It can be calculated by taking your weight in kilograms and dividing by the square of your height in meters. Write a program that prompts the user to enter a weight in pounds and height in inches and displays the BMI. Note that one pound is 0.45359237 kilograms and one inch is 0.0254 meters.

Use class name BMI

Here is a sample run:

```
Enter weight in pounds: 95.5 ↵  
Enter height in inches: 50 ↵  
BMI is 26.857257942215885
```