

King Saud University  
College of Computer & Information Science  
CSC111 – Assignment 2  
All Sections

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## Submission Instructions:

1. **Due date: Sunday, September 26th, 2021 at 11:59 pm**
2. You can discuss answers with your colleagues, but **cheating is prohibited and there will be extreme consequences.**
3. Submit it to lms.ksu.edu.sa. **Email submissions will not be accepted.**
4. All classes in one java project.
5. The exported project name must be:  
**Assignment02\_ID FirstName LastName.zip**. For example:  
Assignment02\_123456789\_Marwan\_Almaymoni.zip
6. Use the default package.
7. Write your name and university ID as a comment at the start of all java files.

## 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 the class name **MinsToYearsDays**.

Here are some sample runs:

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

```
Enter the number of minutes: 123456789 ↵
123456789 minutes is approximately 234 years and 323 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 the class name **BMI**.

Here are some sample runs:

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

```
Enter weight in pounds: 220 ↵  
Enter height in inches: 60 ↵  
BMI is 42.96536320017085
```