Randomize Lucy's Age

It is a pretty simple process to make the output of this program a bit more unpredictable. We can use the **random** library to generate a pseudo-random integer (it is not exactly *random*, but it is random enough for this use case).

You could simply make **lucyAge = random.randint(1, 100)** however I chose to make it into its own variable, in case we want to access it for some other purpose. It may be confusing in other context if it is represented by the **lucyAge** variable.

```
import random
import datetime
from functions import howOldIsLucy
from myTime import *


randomAge = random.randint(1, 100)


# This is a comment... What purpose do comments serve in programming

# PART 1: enterning your name
name = input("What is your name: ")
print("Hi " + name)


# PART 2: entering your age
yourAge = input("How old are you: ")
# enter a number for the line above
print("You are " + yourAge + " years old. Let's compare your age to

# PART 3: exploring conditionals
# declaring Lucy's age
lucyAge = randomAge
```

Challenge: Add Additional “People’s Ages”

Try adding in more “people” and compare their age’s to the user or each other with a more complex condition inside your *if statement*. Python accepts keywords such as **and, or, not** for use inside conditionals.

```
shawnsAge = 23
tomsAge = randomAge
onVacation = False

if shawnsAge == tomsAge and not onVacation:

  print("Shawn is the same age as Tom and is not on vacation")

elif shawnsAge == tomsAge or not onVacation:

  print("Tom and Shawn are not the same age and Shawn is not on vacation")
```

Two functions have been created and imported into the project for you to get the time in hours and minutes as integer values.

getHour() and getMinutes() are their names. Make sure you call them with the parentheses at the end. Since they return integer values, they can essentially be used any place you would normally be able to use a variable.

Python accepts keywords such as **and, or, not** for use inside conditionals.

Challenge: Use functions related to time to create a conditional

```
if getHour() > 1 and getHour() < 2:
  print("It is time for class")

elif getHour() > 2 and getMinutes() > 5 and getMinutes() < 12:
  print("It is almost time to leave")

else:
  print("It is not time for class.")
```