CMPT 120
In class activity 3

Exercise 1: Let's create a new chatbot.

Let the chatbot has three lists.

```
yeses = ["yes", "y", "of course", "certainly yes", "sure"]
noses = ["no", "n", "no way", "of course not", "never"]
byes = ["Goodbye!", "See you!", "ciao", "Have a good day"]
```

Then check if the user's response is one of these lists.

After the user gives a reasonable response...

- Offer the user to ask 2 yes/no questions.
- For each such question, randomly choose whether the bot answers yes or no, and then use some of the yes/no variations.
- Say goodbye in different ways.

Requirement: Must use a loop to check if user response is valid

Below is the pseudocode:

```
# import the random module
# create lists for yes answers, no answers and goodbyes
# ask the user if she wants to talk
# check whether the user provides a valid answer
    # give the instruction for the user to provide a valid answer
    # get the user's answer again

# show different responses based on the user's answer
# ask the user to ask a question and randomly provide a response from the yeses and
noses lists
# ask the user to ask another question and randomly provide a response from the yeses
and noses lists
# end the conversation and randomly provide a goodbye message from the byes list
```

Sample output:

```
Hi dear user! Do you want to talk to me? ===> sure
Great! Let's talk, my friend!

Ask me any question you want ===> are you alive?
y

Ask me other question you want ===> are you serious
certainly yes

OK, enough talking!
Goodbye!
```

```
Hi dear user! Do you want to talk to me? ===> yes
Great! Let's talk, my friend!

Ask me any question you want ===> is it raining?
no

Ask me other question you want ===> Do you like me?
no way

OK, enough talking!
Have a good day
```

Submission: Upload Ex1.py to canvas.