**Aim: Develop an elementary chatbot for any suitable customer interaction application**

def greet(bot\_name, birth\_year):

print("Hello! My name is {0}.".format(bot\_name))

print("I was created in {0}.".format(birth\_year))

def remind\_name():

print('Please, remind me your name.')

name = input()

print("What a great name you have, {0}!".format(name))

def guess\_age():

print('Let me guess your age.')

print('Enter remainders of dividing your age by 3, 5 and 7.')

rem3 = int(input())

rem5 = int(input())

rem7 = int(input())

age = (rem3 \* 70 + rem5 \* 21 + rem7 \* 15) % 105

print("Your age is {0}; that's a good time to start programming!".format(age))

def count():

print('Now I will prove to you that I can count to any number you want.')

num = int(input())

counter = 0

while counter <= num:

print("{0} !".format(counter))

counter += 1

def test():

print("Let's test your programming knowledge.")

print("Why do we use methods?")

print("1. To repeat a statement multiple times.")

print("2. To decompose a program into several small subroutines.")

print("3. To determine the execution time of a program.")

print("4. To interrupt the execution of a program.")

answer = 2

guess = int(input())

while guess != answer:

print("Please, try again.")

guess = int(input())

print('Completed, have a nice day!')

print('.................................')

print('.................................')

print('.................................')

def end():

print('Congratulations, have a nice day!')

print('.................................')

print('.................................')

print('.................................')

input()

greet('Jennny', '2024') # change it as you need

remind\_name()

guess\_age()

count()

test()

end()

OUTPUT:

Hello! My name is Jennny.

I was created in 2024.

Please, remind me your name.

Sharon

What a great name you have, Sharon !

Let me guess your age.

Enter remainders of dividing your age by 3, 5 and 7.

1

4

5

Your age is 19; that's a good time to start programming!

Now I will prove to you that I can count to any number you want.

1

0 !

1 !

Let's test your programming knowledge.

Why do we use methods?

1. To repeat a statement multiple times.

2. To decompose a program into several small subroutines.

3. To determine the execution time of a program.

4. To interrupt the execution of a program.

1

Please, try again.

2

Completed, have a nice day!

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Congratulations, have a nice day!

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