* In dãy giảm dần

n = int(input("Enter a number:"))

for i in range(n, 0, -1):

print(i)

* Vẽ maze

from turtle import \*

shape("turtle")

speed(-1)

color("blue")

for i in range (0, 100): (or (0, 100, 5) – step lớn hình thoáng hơn)

forward(i)

left(90)

mainloop()

OR

from turtle import \*

shape("turtle")

speed(-1)

length = 5

for i in range (80):

forward(length)

mainloop()

* Sum dãy liên tục

n = int(input("Number"))

t = 0

for i in range (n+1):

t = t + i

print(t)

or

n = int(input("Number"))

print(\*range(5))

seq = range(n+1)

total = sum(seq)

print(total)

Conditional statements

* Baby vs teenager

yob = int(input("Year"))

age = 2018 - yob

print("Your age", age)

if age < 10:

print("baby")

print("hi")

elif age < 18:

print("teenager")

else:

print("not baby")

print("bye")

* Generating random numbers

from random import randint

print(randint(0,9))

* Mood Inspector

from random import randint

a = randint(0,100)

if a < 30:

print("T.T")

elif a < 60:

print(".-.")

else:

print("QT")

* Login ex

n = input("Username:")

m = input("Password:")

if n == "ChiPT" and m == "1234":

print("Welcome, ChiPT")

elif n == "ChiPT" and m != "1234":

print("Bye")

else:

print("there's no such user")

BETTER

n = input("Username:")

m = input("Password:")

if n == "ChiPT":

if m == "1234":

print("Welcome, ChiPT")

else:

print("Wrong")

else:

print("there's no such user")

* Vẽ HCN

a = int(input("length"))

b = int(input("width"))

for i in range(b):

print("\*"\*a)

hoặc

for i in range(3):

for j in range(4):

print("\*", end=" ")

print()

* Vẽ tam giác

Tam giác thường

for i in range(6):

for j in range(1+i):

print("\* ", end="")

print()

Tam giác ngươc

a = int(input("side"))

for i in range(a+1):

print(" "\*int(a+1-i), "\*"\*i)

OR

for i in range(6):

for j in range(6):

if j >= 6 - i:

print("\* ", end="")

else:

print(" ", end="")

print()

HW: CODE – input = size