Khmer New year exercise:

Just start:

if (x=3):

if(x<3):

print (3)

else:

if(y>3):

if(z>10):

print (4)

else:

print (1)

Challenge 1:

goforward (2)

pickup diamond

for n in range (3):

for n in range (3):

goforward

pickup diamond

goforward

turnaround

jump

goforward

Challenge2:

goforward

pickup diamond

goforward

for n in range (4):

for n in range (4):

goforward

if <has cake>:

eat cake

elif< has diamond>:

pick up diamond

turnaround

jump

goforward

Challenge3:

goright

while<has no flag>

for n in range (4)

godown

if<has cake>:

eat cake

elif:

pickupdiamond

for n in range (4):

go up

goright(2)

**Challenge4:**

moveright

N= nbofthebox

Moveright

Moveup

For n in range(N):

moveright

pickupball

moveright

dropball

moveleft(2)

moveup

challange5:

N=1

for n in range (8)

for n in range (n):

moveup

moveright

pickup

for n in range (N):

movedown

dropball

N=N+1

**Challenge6:**

moveright

interaction=0

while<has ball>:

moveright

interaction=interaction+1

for n in range (interaction):

moveleft

for n in range(interaction):

pickupball

for n in range (interaction):

moveright

dropball

for n in range (interaction-1)

moveleft

**Challenge7:**

Moveright

interaction=nbofbox

variable =1

movedown

for n in range(interaction):

for n in range(variable):

moveright

paint the box

for n in range(variable):

moveleft

movedown

variable=variable+1

**Challenge 8:**

moveright(2)

a=0

for n in range(5)

if nbofbox>10:

a=a+1

moveright

else:

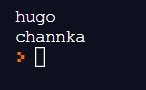
moveright

moveright(3)

write(a)

**Challenge 9:**

This code will print:



**Challenge 10:**

number=int(input(“Number:”))

if (number>=3) and (number<=5):

print (“Range 3-5”)

if (number>=4) and (number<=9):

print (“Range 4-9”)

**Challenge 11:**

x=int(input(“X=”))

y =int(input(“Y=”))

if (x>=2 and x<=6) and (y>=4 and y<=10):

print (“Case 1”)

if (x>=9 and x<=11) and (y>=4 and y<=8):

print(“ Case 2”)

**Challenge 12:**

y=int(input("Y="))

x=int(input("X="))

if((y>=1 and y<=3) or (y>=7 and y<=9)) and ((x>=10 and x<=13) or (x>=4 and x<=8)):

print("GOOD")

else:

print("BAD")

**Challeng13:**

z=int(input("Z="))

y=int(input("Y="))

x=int(input("X="))

if((z>=3 and z<=10 ) or(z>=13 and z<=15))and ((y>=1 and y<=3) or (y>=7 and y<=9)) and ((x>=10 and x<=13) or (x>=4 and x<=8)):

print("GOOD")

else:

print("BAD")

**Challenge 14:**

This code will print : **6**

**Challenge 15:**

This code will print :

**Challenge 16:**

This code will print :

**Challenge 17:**

This code will print :

**Challenge 18:**

a=1

b=6

for n in range(6):

print (a ,"AND",b)

a=a+1

b=b-1

**Challenge 19:**

z=int(input("Z="))

y=int(input("Y="))

x=int(input("X="))

if x<y and x<z:

print("mini:",x)

elif y<x and y<z:

print("mini:",y)

if z<x and z<y:

print("mini:",z)

elif x>y and x>z:

print("max:",x)

if y>x and y>z:

print("max:",y)

elif z>x and z>y:

print("max:",z)

**Challenge20:**

number=int(input("Number of values:"))

for n in range(number):

nb=(input("Value:"))

if n==0:

max=nb

else:

if nb>max:

max=nb

print("max"+str(max))

**Challenge 21:**