

猜年龄

```
age = 50
flag = True

while flag:
    user_input_age = int(input("Age is :"))
    if user_input_age == age:
        print("Yes!")
        flag = False
    elif user_input_age > age :
        print ("Bigger!")
    else:
        print("Smaller!")
print("End...")
```

break # 终止

```
age = 50

#user_input_age = int(input("Age is :"))

#flag = True
# break
while True:
    user_input_age = int(input("Age is :"))
    if user_input_age == age:
        print("Yes")
        break
    elif user_input_age > age:
        print("Is bigger")
    else:
        print("Is smaller")

print("End")
```

continue 继续

while 条件:

....

else: ... #当while循环整场退出时执行

```
num = 1
while num <= 10:
    num += 1
    if num == 5:
        break
    print(num)
else:
    print("This is else statement")
```

在一行输出

```
print("1",end="__")
print("32",end="__")
print("456",end="__")
```

print() 等价于 print(end="\n")

while循环的嵌套

```
num1 = 0
while num1 <=5:
    print(num1,end="_")
    num2 = 0
    while num2 <=7:
```

```
print(num2,end="-")
num2+=1
```

```
num1+=1
print()
```

```
height = int(input("Height:")) # 用户输入一个高度
width = int(input("width:")) # 用户输入一个宽度
```

```
num_height = 1
while num_height <=height:
    num_width = 1
    while num_width <= width:
        print("#", end="")
        num_width += 1
    print()
    num_height += 1
```

九九乘法表

```
first = 1
while first <= 9:
    sec = 1
    while sec <= first:
        print(str(sec) + "*" + str(first) + "=" + str(sec * first), end="\t")
        sec += 1
    print()
    first += 1
```

