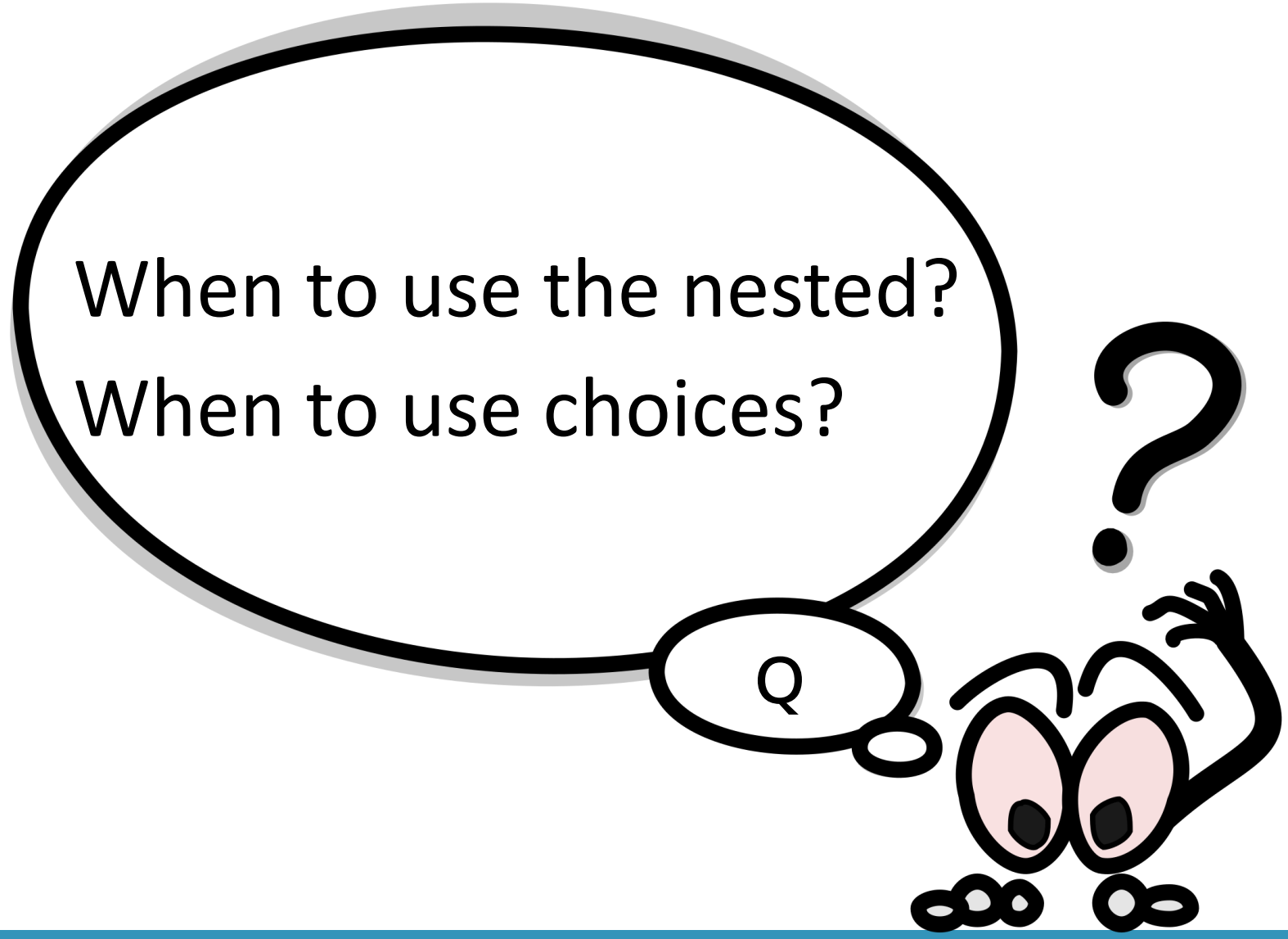
# Python

nested selection or choose one from more?

When to use the nested?

When to use choices?



# Think about it, can the following sample change the nested option?

Please write a program, input() an integer.

- If integer is 1, print "Monkeys wear new clothes on Monday."
- If integer is 2, print "Monkeys are hungry on Tuesday."
- If integer is 3, print "Monkeys go hiking on Wednesday."
- If integer is 4, print "Monkeys watch TV on Thursday."
- If integer is 5, print "Monkeys go dancing on Friday."
- The rest, I don't know.

```
x=int(input())
if x==1:
    print("Monkeys wear new clothes on Monday.")
elif x==2:
    print("Monkeys are hungry on Tuesday.")
elif x==3:
    print("Monkeys go hiking on Wednesday.")
elif x==4:
    print("Monkeys watch TV on Thursday.")
elif x==5:
    print("Monkeys go dancing on Friday.")
else:
    print(  "The rest, I don't know.")
```

# Think about it, can the following sample change the nested option?

Please write a program, input() an integer.

- If integer is 11, print "Monkeys wear new clothes on Monday."
- If integer is 22, print "Monkeys are hungry on Tuesday."
- If integer is 33, print "Monkeys go hiking on Wednesday."
- If integer is 44, print "Monkeys watch TV on Thursday."
- If integer is 55, print "Monkeys go dancing on Friday."
- The rest, I don't know.

```
x=int(input())
if x==11:
    print(" Monkeys wear new clothes on Monday.")
elif x==22:
    print(" Monkeys are hungry on Tuesday.")
elif x==33:
    print("Monkeys go hiking on Wednesday.")
elif x==44:
    print("Monkeys watch TV on Thursday.")
elif x==55:
    print("Monkeys go dancing on Friday.")
else:
    print(   "The rest, I don't know.")
```

# Answer is ?

The left figure, for the value of the condition is continuous data,

can be used for nest-like comparisons,
The value judged in the figure on the right is independent of the data, and cannot be nested.