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#
#1. Print "Hello Netzwerk Academy" if a is greater than b.
a = 10
b = 5

if a > b :
  print("hello netzwerk academy")
```

    hello netzwerk academy

```
#2. Print "Hello Netzwerk Academy" if a is not equal to b.
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#3. Print "Yes" if a is equal to b, otherwise print "No".
a = 5
b = 6
if a == b:
  print("yes")
else:
  print("no")
```

    no

```
#4. Print "1" if a is equal to b, print "2" if a is greater than b, otherwise print "3".
a = 2
b = 3
if a == b:
  print("1")
if a > b :
  print("2")
else:
    print ("3")
```

     3

```
#5. Print "Hello" if a is equal to b, and c is equal to d.
a = 1
b = 1
c = 8
d = 9
if a == b:
  print("hello")
if c == d:
  print("hello")
```

    hello

```
#6. Print "Hello" if a is equal to b, or if c is equal to d.
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#7. Print i as long as i is less than 8.
i = 1
while i < 8:
  print(i)
  if i == 8:
    break
  i = i + 1
```

```
1
2
3
4
5
6
7
```

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#8. Loop through the items in the fruits list.
 fruits = ["apple", "banana", "mango"]
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#10. Exit the loop when x is "banana".
fruits = ["apple", "banana", "mango"]
for x in fruits:
 if x  ==  "banana":
  exit
  print(x)
```

```
banana
```

```
#9. In the loop, when the item value is "banana", jump directly to the next item.
fruits = ["apple", "banana", "mango"]
for x in fruits:
 if x  ==  "banana":
      continue
 print(x)
```

```
apple
mango
```

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