

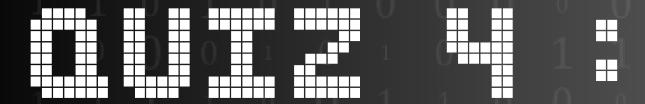
How do you remove an item from a set in Python?

- A) set.remove(item)
- B) set.discover(item)
- C) set.delete(item)
- D) set.pop(item)



What is the purpose of the 'else' statement in Python?

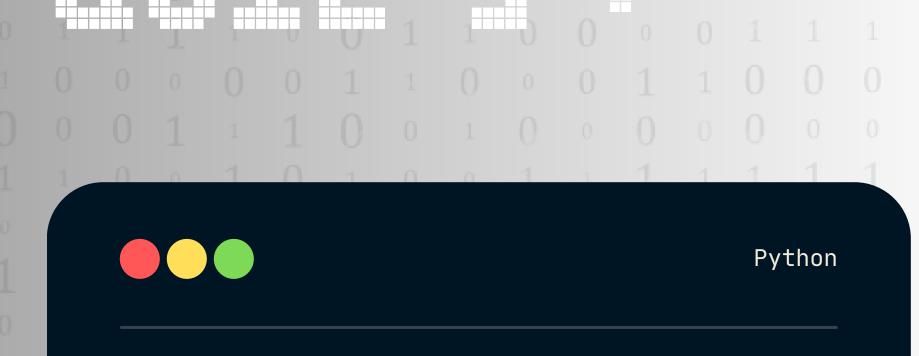
- A) specify conditions for a loop
- B) handle exceptions
- C) define a default case for an
  'if' statement
- D) create a new variable



what is the output of the following code?

numbers = [1, 2, 3, 4, 5]
result = numbers[2:4]

- A) [3, 4]
- B) [2, 3]
- C) [1, 2]
- D) [4, 5]



How do you open a file for writing in Python?

- A) file.open("filename.txt", "w")
- B) open("filename.txt", "write")
- C) open("filename.txt", "w")
- D) file.write("filename.txt")





what the correct syntax for a 'for' loop in Python?

- A) for i in range(5)
- B) for i = 0; i < 5; i++
- C) for i in range(0, 5)
- D) loop(i, 0, 5)





Which of the following is used for multiline comments in Python?

- A) // comment
- B) /\* comment \*/
- C) # comment
- D) ''' comment '''



Write a Python program that swaps the values of two variables

- A) temp = a; a = b; b = temp
- B) a, b = b, a
- C) swap(a, b)
- D) a = b; b = a





what will be the output of the following code?

```
num = 7
if num % 2 == 0:
    print("Even")
else:
    Print("Odd")
```

- A) Even
- B) Odd
- C) None
- D) Error

Wnat does this code do?

numbers = [10, 5, 8, 20, 3]
max\_number = max(numbers)

- A) finds the maximum element in the list
- B) finds the minimum element in the list
- C) syntax error
- D) return the last element





what will be the output of the following code?

```
a = 5
b = 6
z = ( a * b ) > ( not b != 5 )
print(z)
```

- A) True
- B) False
- C) 43267
- D) 02000