

# **MOCK** **ONLINE** **ASSESSMENT** **ACCENTURE**

PRIME CODING

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- B) COUNT
- C) SUMIF
- D) AVERAGEIF

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Which feature in PowerPoint allows you to create a transition effect between slides that matches the previous slide?

- A) Morph
- B) Slide Sorter
- C) Slide Master
- D) Rehearse Timings

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- B) Letter
- C) Legal
- D) Executive



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# **WANT TO GET HIRED IN TECH JOBS? BUT NOT SURE WHAT TO STUDY**

Data Structures?

Web Technologies?

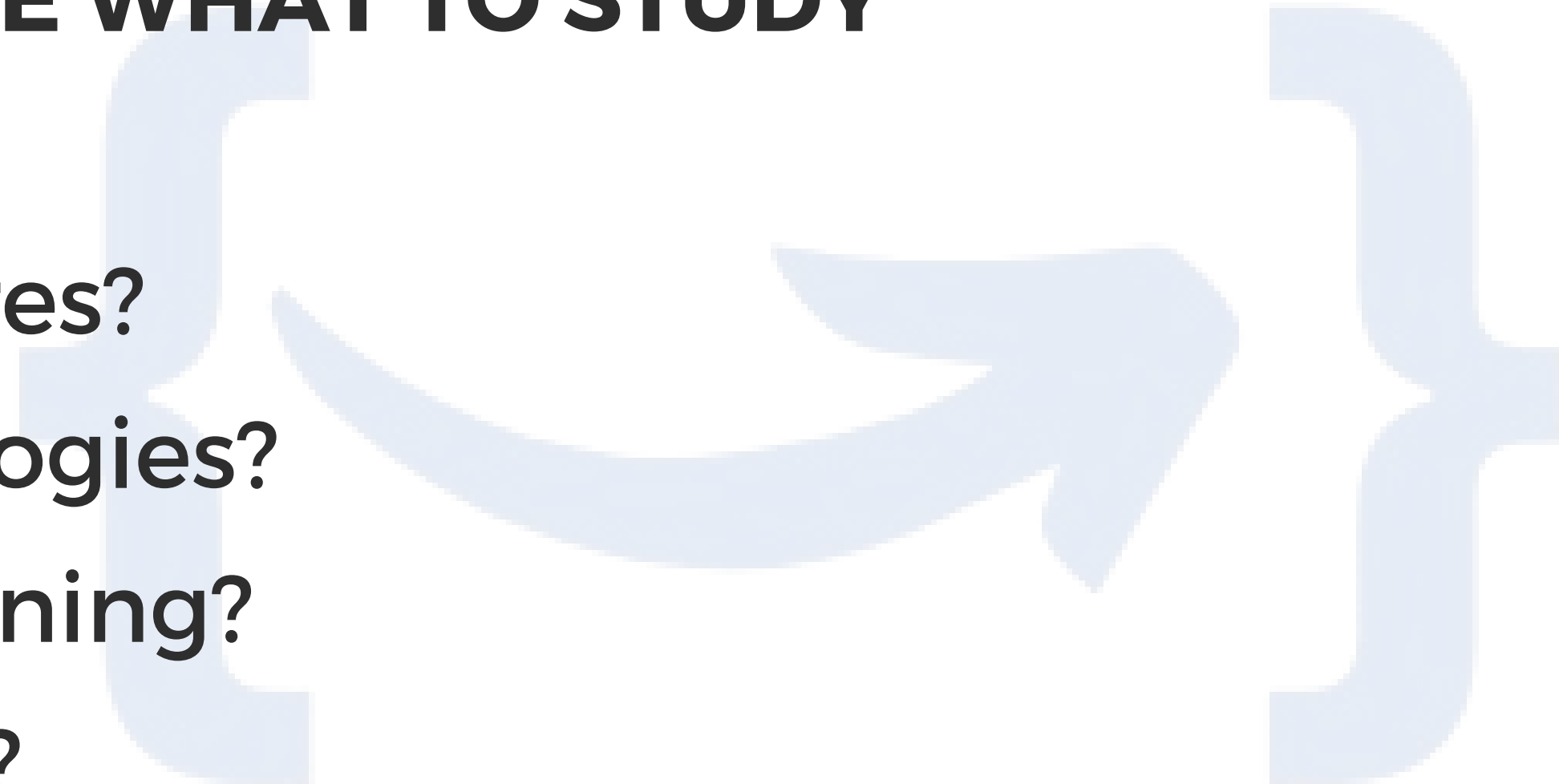
Machine Learning?

Data Science?

DevOps?

Java?

Python?



HOW?

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What is the primary function of a VLAN (Virtual Local Area Network)?

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- D) To allow multiple networks on a single switch

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**Adesh Kulkarni**

SUCCESS STORY

THROUGH TELEGRAM

Sir I want to share good news! I got into TCS.  
The mock sessions by you and Aditya sir were so helpful. Many questions were similar. Also your videos were spot-on for cracking TCS. Thank you for all the support.

**Moulik**

SUCCESS STORY

THROUGH TELEGRAM

Bhaiya my tcs digital is cleared, Thanks a lot. Your mock session was very beneficial. Couldn't have done it without it.

**Vikram Reddy**

SUCCESS STORY

THROUGH TELEGRAM

I got a digital offer today  
Thanks. Your mock interview helped me a lot in cracking the interview .It helped me in boosting my confidence It was really helpful for me ❤️  
Thanks a lot

In the context of networking, what is the role of a gateway?

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- B) To provide IP addresses to devices
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- A) Private Cloud
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Which of the following cloud service models allows users to develop, run, and manage applications without the complexity of building and maintaining the infrastructure?

- A) PaaS
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- C) IaaS
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**Function example(a, b)**

**while (a < b)**

**a = a \* 2**

**end while**

**return a**

**End Function**

**Output = example(3, 20)**

**A) 3**

**B) 6**

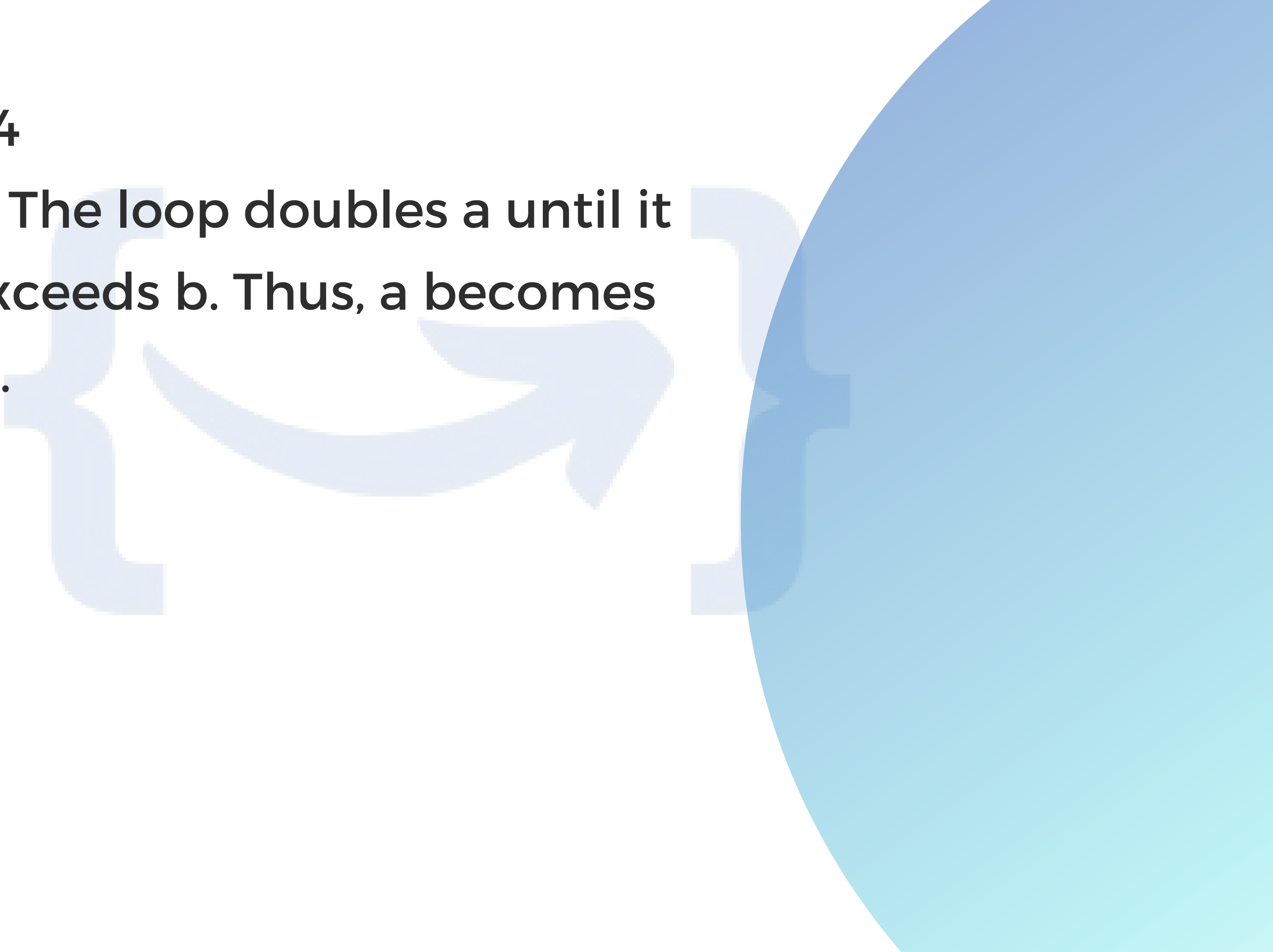
**C) 24**

**D) 48**



**Answer: C) 24**

**Explanation: The loop doubles a until it reaches or exceeds b. Thus, a becomes 6, 12, then 24.**



Function mystery(n)

if (n <= 1)

return 1

else

return n \* mystery(n - 2)

End Function

Output = mystery(5)

A) 5

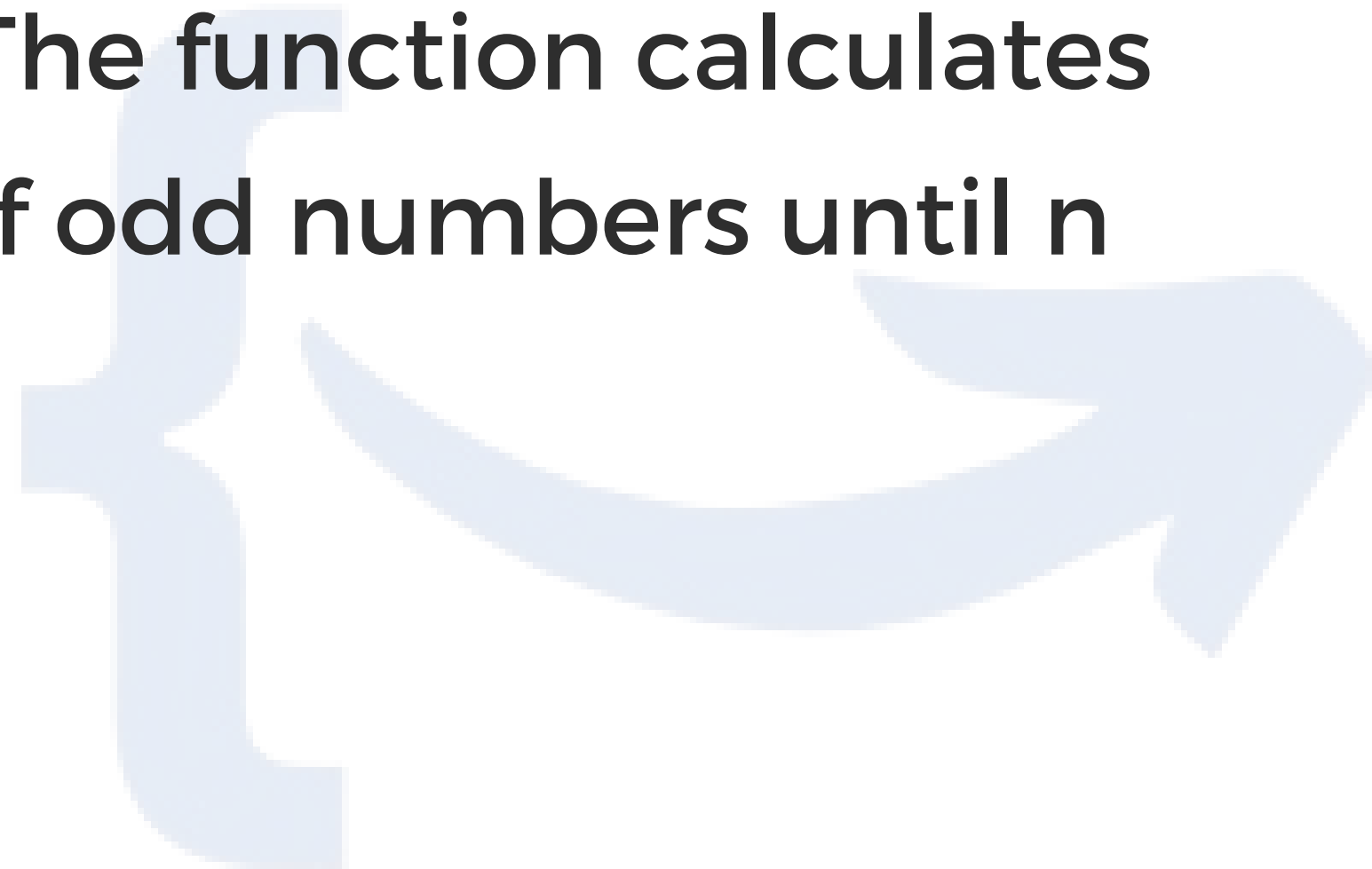
B) 15

C) 20

D) 25

**Answer: C) 15**

**Explanation: The function calculates the product of odd numbers until n reaches 1.**





Function test(x)

if (x > 10)

return x \* 2else return x + 2End

Function

Output = test(10)

A) 20

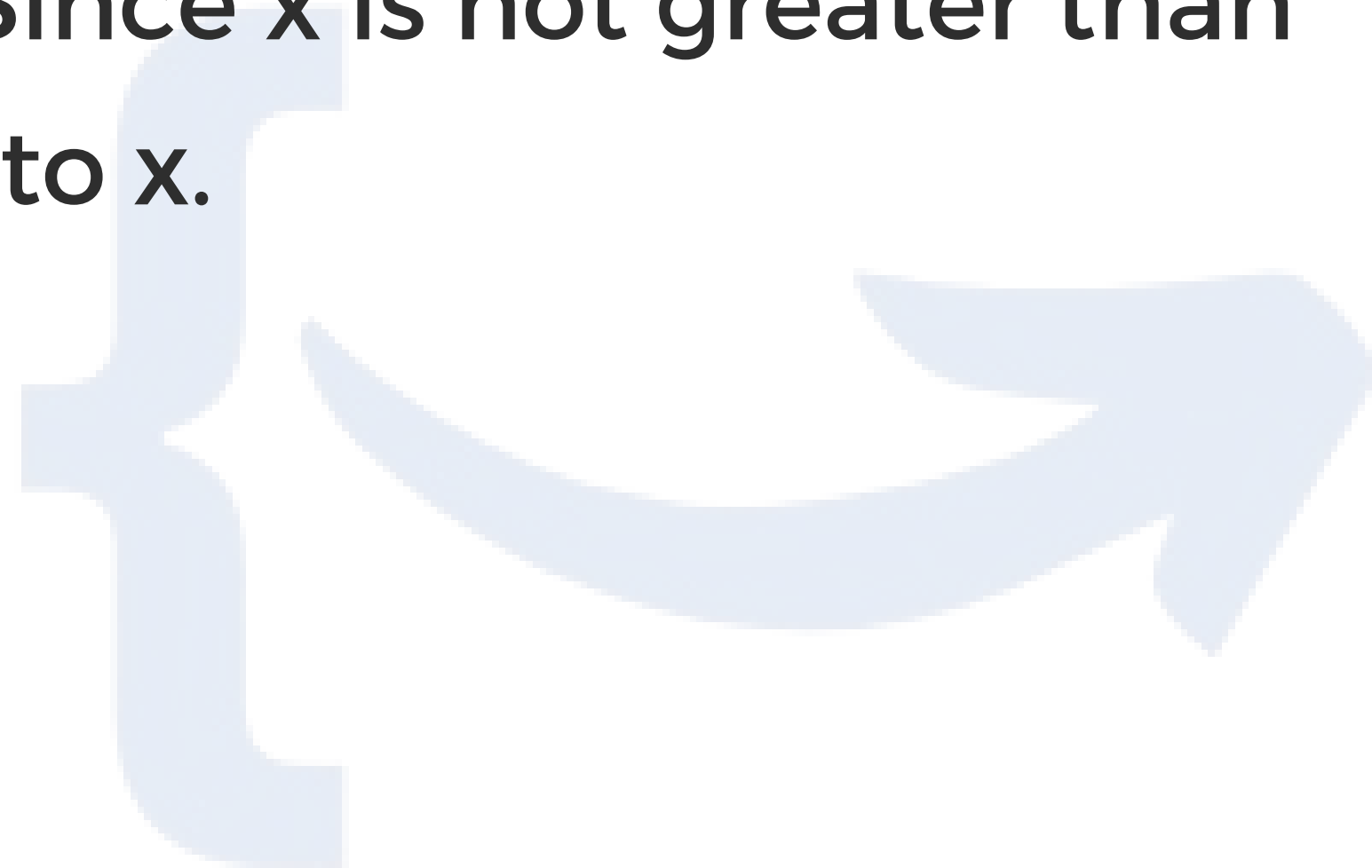
B) 12

C) 22

D) 8

**Answer: B) 12**

**Explanation: Since  $x$  is not greater than 10, 2 is added to  $x$ .**



Function recursive(a)

if (a < 0)

return 0  
else return a + recursive(a - 2)

End Function

Output = recursive(5)

A) 15

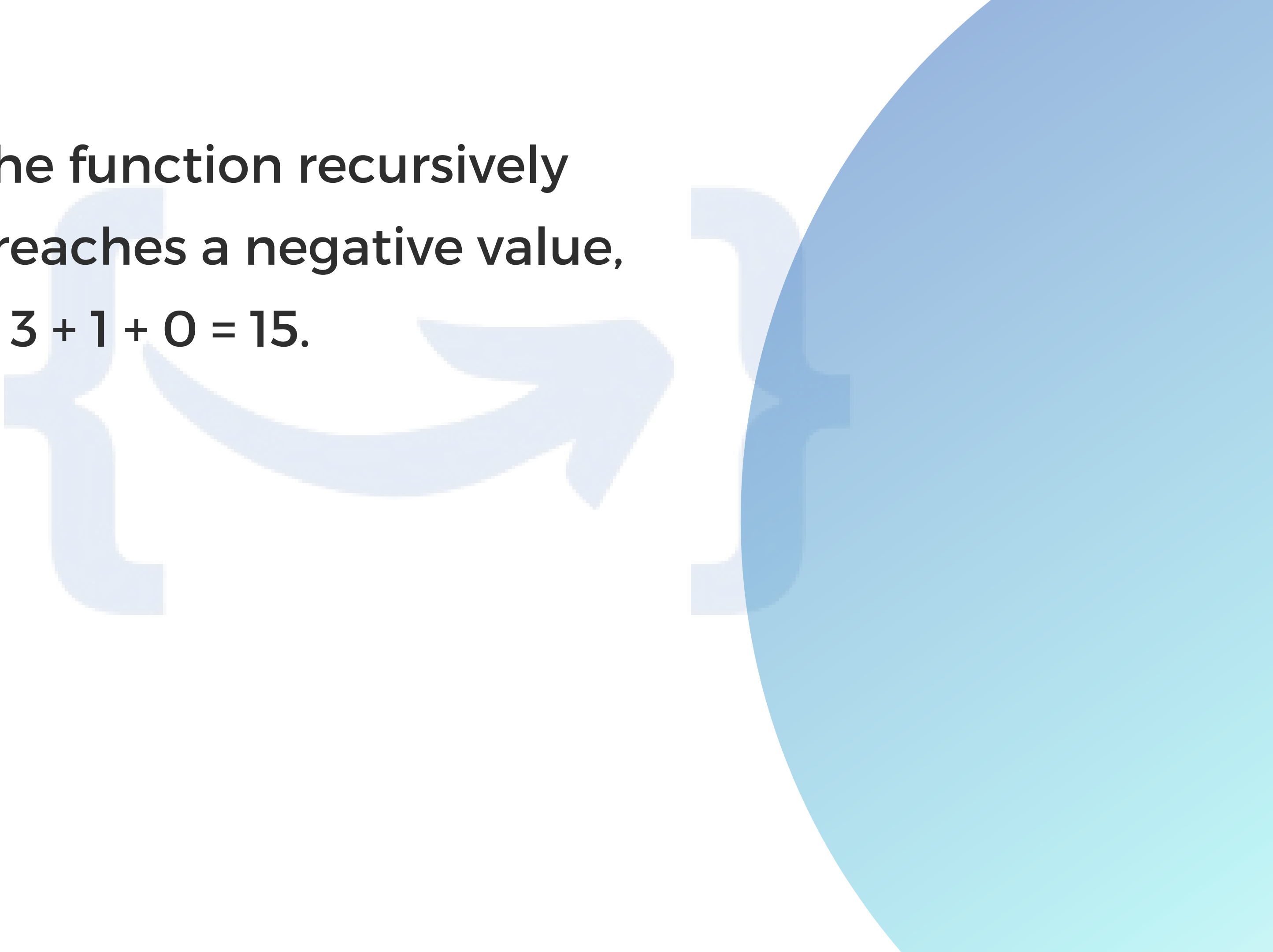
B) 9

C) 5

D) 10

**Answer: A) 15**

**Explanation:** The function recursively adds a until it reaches a negative value, resulting in  $5 + 3 + 1 + 0 = 15$ .



Function reverseArray(arr)

n = length(arr)

for i = 0 to n/2 - 1

temp = arr[i]

arr[i] = arr[n-i-1]

arr[n-i-1] = temp

end for

return arr

End Function

Output = reverseArray([1, 2, 3, 4, 5])

- A) [5, 4, 3, 2, 1]

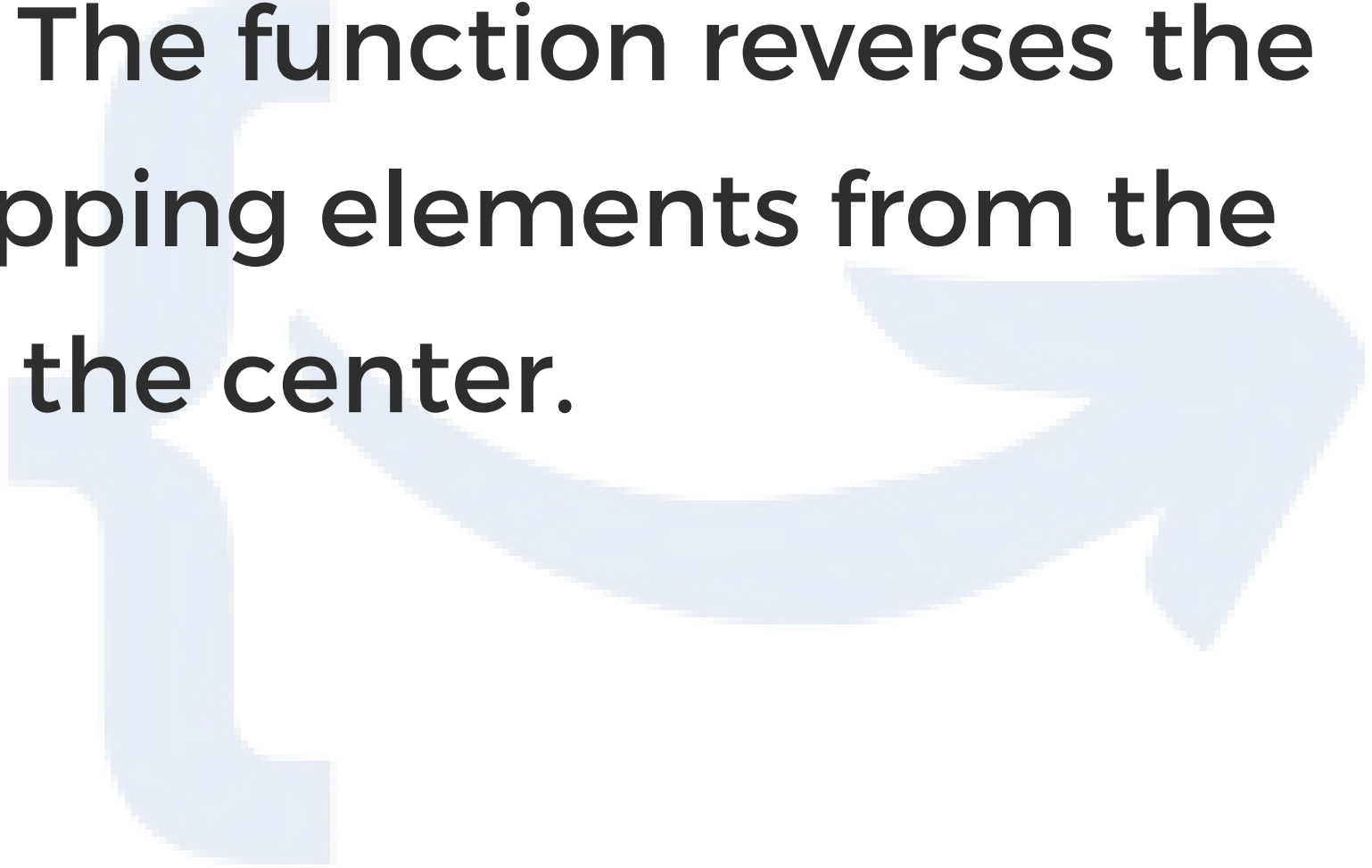
- B) [1, 2, 3, 4, 5]

- C) [3, 2, 1, 4, 5]

- D) [5, 3, 1, 2, 4]

**Answer: A) [5, 4, 3, 2, 1]**

**Explanation:** The function reverses the array by swapping elements from the ends toward the center.



**Function sumDigits(num)**

**sum = 0**  
**while num > 0**

**sum = sum + (num mod 10)**

**num = num div 10**  
**end while**  
**return**

**sum**

**End Function**

**Output = sumDigits(1234)**

**A) 10**

**B) 12**

**C) 6**

**D) 4**



**Answer: A) 10**

**Explanation: The function sums the digits of the number 1234:  $1 + 2 + 3 + 4 = 10$ .**

## **Problem Statement:**

Write a function that takes an integer  $n$  as input and returns the sum of all prime numbers less than  $n$ .

**Input:** 10

**Output:** 17

## **Explanation:**

The prime numbers less than 10 are 2, 3, 5, and 7.

Their sum is 17.

**Problem Statement:** Given a Matrix,  
print the given matrix in spiral order.

**Input:** Matrix[][] = { { 1, 2, 3, 4 },  
                          { 5, 6, 7, 8 },  
                          { 9, 10, 11, 12 },  
                          { 13, 14, 15, 16 } }

**Output:** 1, 2, 3, 4, 8, 12, 16, 15, 14, 13, 9, 5,  
6, 7, 11, 10.

**THANK  
YOU**

