

AMCAT COCUBES EXPECTED QUESTIONS

BASIC PROGRAMMING CODING QUESTIONS

Very Easy

- Write a program to print natural numbers upto n (AMCAT -1 times , Cocubes -1)
- Write a program to check given number is even number or not
- Write a program to print all even numbers upto n
- Write a program to check given number is odd number or not
- Write a program to print all odd numbers upto n
- Write a program to check a number is even or odd

Easy

- Write a program to generate multiplication table
- Write a program to swap two integers
- Write a program to swap two numbers without using third variable(AMCAT -7 times , Cocubes -11)
- Write a program to split number into digits
- Write a program to count number of digits in a number
- Write a program to find out sum of digits of given number(AMCAT -2 times , Cocubes -4)

Medium Level

- Write a program to reverse any number
- Write a program to check given number is palindrome number or not(AMCAT -46 times , Cocubes -31)
- Write a program to check given number is prime number or not
- Write a program to print all prime numbers up to given number
- Write a program to check given number is perfect number or not(AMCAT -7 times)

Most Expected

- Write a program to check given number is Armstrong number or not(AMCAT -12 times)
- Write a program to check given number is strong number or not
- Write a program to print factorial of given number
- Write a program to print Fibonacci series of given range(AMCAT -47 times , Cocubes -11)
- Write a program to find out power of a number
- Write a program to solve quadratic equation
- Write a Program to print hello world without using semicolon(AMCAT -11 times)
- Write a program to find largest among three numbers using conditional operator(Cocubes -1)

PROGRAMS ON ARRAY

Easy

- Write a program to find out largest element of an array (AMCAT -7 times , Cocubes -3)
- Write a program to find largest and smallest number in an array (AMCAT -27 times , Cocubes -4)

Medium – Most Expected

- Write a program to find out second largest element of an unsorted array(AMCAT -12 times , Cocubes -10)
- Write a program to find out second smallest element of an unsorted array(AMCAT -9 times , Cocubes -1)
- Write a program for linear search(AMCAT -7 times , Cocubes -45)

PROGRAMS ON AREA AND VOLUME

Very Easy

Write a program to find the area of circle
Write a program to find the perimeter of a circle(AMCAT – 2 times)
Write a program to find the area of rectangle
Write a program to find the perimeter of a rectangle (Cocubes -1)
Write a program to find the area of any triangle

PROGRAMS ON MATRICES

Write a program for addition of two matrices(AMCAT – 3 times , Cocubes -4)
Write a program for subtraction of two matrices(AMCAT -1 times , Cocubes -9)
Write a program to find out sum of diagonal element of a matrix(AMCAT -2 times , Cocubes -1)
Write a program to find out transpose of a matrix(AMCAT -17 times)
Write a program for multiplication of two matrices(AMCAT -12 times , Cocubes -23)
Write a program to find determinant of a matrix
Write a program to find inverse of a matrix(Cocubes -1)

PROGRAMS ON SERIES

Easy

Program to find out the sum of natural numbers(AMCAT -4 times , Cocubes -1)
Program to find out the sum of squares of natural numbers

Easy – Most Asked

Program to find out the sum of cubes of natural numbers(AMCAT -12 times , Cocubes -3)
Program to find out the sum of given AP(AMCAT – 27 times , Cocubes – 2)

PROGRAMS ON STRINGS

Medium

Write a program to print unique characters in string(AMCAT -1 times , Cocubes -44)
Write a program to convert the string from lower case to upper case(AMCAT -125 times , Cocubes -45)
Write a program to convert the string from upper case to lower case(AMCAT -57 times , Cocubes -43)

Most Asked

Write a program for concatenation of two strings(AMCAT -117 times , Cocubes -91)

PROGRAMS USING RECURSION

Program to find factorial of a number using recursion (AMCAT -17 times , Cocubes -1)
Program to find GCD of two numbers using recursion (AMCAT -197 times , Cocubes -148)
Program to find LCM of two numbers using recursion(AMCAT -240 times , Cocubes -98)
Program to print Fibonacci series of given range using recursion(AMCAT -98 times , Cocubes -54)
Program to find out sum of digits of a number using recursion(AMCAT -15 times , Cocubes -117)
Program to reverse any number using recursion(AMCAT – 4 times , Cocubes -15)
Program to check if given number is palindrome using recursion(AMCAT -11 times , Cocubes -4)
Program to find power of a number using recursion(AMCAT -12 times)
Program to print numbers from 1 to 100 without using loops(Cocubes -29)