Functions

What keyword is used to define a function in C#

D) void

What is the return type of a function that doesn’t return anything

B) void

How do you call a method named Greet()

C) Greet ()

What is the correct way to define a method with on parameters

B) void Hell ()

What is the correct syntax to return a value from method

C) return value;

Where are parameters defined in a method

C) inside parentheses

What does ref keyword do in method parameter

C)passes parameter by reference

What is a method signature

C) method name + parameter types

Can two methods have the same name with different parameters

C) yes called overloading

Which keyword stops method execution

D) return

What does params keyword allow

C) Accept variable number of arguments

what is a recursive function

D) calls itself

What is the default return type if none is specified

C) void

What does static keyword in method mean

C) belongs to class

What is an anonymous method

C) method with no name

Can a method return an array

Yes

What is the output type of in Add(int X. int Y)

Int

What does out keyword do

B) return multiple values

Can a function call itself in C#

Yes that is recursion

What is the keyword to define a method inside a class

D) void/int/etc

Which of the following is not valid return type

D) method

Can we have a method inside another method in C#

Yes

How many return statements can a method have

C) multiple

What is the purpose of main() method

C) entry point

Which of these can be method names

C)\_Method

How do you return nothing from a method

C) return

Can a method be both static and public

B) you

What happens if a non void method doesn’t return a value

B) Error

What is method overloading

B) two method with same name but different parameters

What is the purpose of async keyword in C# functions

C) allow await/async operations

**loops**

which loop guarantees at least on execution

C) do While

What is output of this loop for( int I =0;i<3; I++) console.write(i)

B) 012

Which keyword exits the current loop

C) break

What does continue do inside a loop

C) skips current iteration

Which loop is best when number of iterations is known

C) for

**Arrays**

What is the correct way to declare an array of 5 integers

B)int arr = new int[5]

What is the index of the first element in an array named umbers

B) 0

How do you access the third element in array named numbers

B) numbers[2]

What is the result of int[] x =new int[3]

B) x has 3 elements all set to 0

What is the length of int[] a ={1,2,3}

B) 4

**Exceptions**

What keyword is used to catch exceptions

B) catch

What does the try block do

C) contains risky code

What is thrown when dividing by zero

B) divide by zero exception

Which block must follow a try block

C) catch

What dose the finally block do

C) always runs

**Data types**

What is default value of an int in C#

C) 0

Which of the following is a value type

C) int

What keyword is used to declare variable that cannot be changed

C) const

Which data type is used to store true of false values

B) Boolean

What is the size of float in C#

C) 4 bytes

**Operators**

What is the result of 5+3\*2

A) 11

Which operator is used to check equality

C) ==

What does the % operator do

C) Remainder

Which operator is used to increases value by 1

B) ++

What is the output of true && false

B) false

**Access modifiers**

Which access modifier from any class

B) public

Which modifier restricts access to the same class only

B) private

What do the internal modifier mean

A) Access within same namespace

Which modifier allows access in derived classes only

B) protected

What is the most restrictive access modifier

B) private

**Input/output**

Which method is used to read user input from the console

B) console.ReadLine

What is the return type of console.readline()

C) string

How do you write output to the console

C) console.WriteLline()

What dose console.write() do differently from console.WriteLine()

C) does not add newline

Which namespace contains console input/output functions

1. System

How do you format a string in writeLine()

D) all of the above

Which function pauses for a key press

1. Console.readkey()

What does console.read() return

C) Int

Which method is used to clear the console screen

1. Console.Clear()

What is the purpose of console.Error.writeLine()

1. Display errors

What is printed by this code

1. XY

What happens if you enter a number and read it with console.ReadLine()

1. Stored as string

How to convert string input to integer safely

1. Int.Parse()

What happens if int.Parse(“abc”) is executed

1. Exception

What does this print console.write(A) console.Writeline(B)

1. A\nB

What does console.BackgroundColor affect

1. Console background

What method sets cursor position on screen

1. Console.SetCusorPosition()

Which method reads key without displaying it

1. Console.readkey(true)

Which of these clears user input in the console

1. Console.Clear()

Which method is best for secure password input

1. Console.GetPasswrod

What does console.Title =”App ” do

1. Set window title

Which key property can you rad from console.readKey

1. Key

How do you change the text color in console

1. Console.roregroundColor

What dose console.writeline(\nhello) print

C)(newline) hello

What happens if you press enter on console.readkey()

C) it returns key info

Can you write to console without newline

A) yes with write

What is the purpose of console.in

c) handles standard input stream

File handing

Which namespace is required for file operations

B) system.io

What class is used to rad text file line by line

C) StreamReader

Which method reads all lines from a file into a string array

C) file. readAllLines()

Which method creates a file if it doesn’t exist

B) file.ceate()

What happens if you use file.create() on an existing file

C) overwrites it

What does file exists data.txt return

B) string

What method is used to delete a file?

C) File.Delete()

How do you append text to a file?

A) File.WriteAppend()