How many dimensions does n-dimensional array has?

Answer (Please select your correct option)

○ n dimensions

correct

○ 2n dimensions

○ (n+1) dimensions

○ (n-1) dimensions

Which of the following function call is "call by reference" for the following function prototype?
void func (int *);

Answer (Please select your correct option)

○ func(int &num) ;

○ func(&num) ;

correct

○ func(*num) ;

○ func(num) ;

The operators ++ and -- are used to increment or decrement the value of a variable by _____

Answer (Please select your correct option)

○ 3

○ 2

○ 1

correct

○ 4

The loop which is most suitable to be used when the number of iterations is known is called _____.

Answer (Please select your correct option)

- ○ for

  <u>correct</u>

- ○ while

- ○ do-while

- ○ all looping processes require that the iterations be known

In C/C++, the string constant is enclosed in _____.

Answer (Please select your correct option)

- ○ curly braces {}

- ○ parentheses()

- ○ single quotes ' '

- ○ double quotes" "

  <u>correct</u>

In order to get the right most digit of a number, we divide this number by 10 and take _____.

Answer (Please select your correct option)

- ○ Its remainder

  <u>correct</u>

- ○ Its quotient

- ○ Its divisor

- ○ The number

What is the correct syntax to declare an array of size 10 of int data type?

Answer (Please select your correct option)

○ int [10] name ;

○ name[10] int ;

○ int name[10] ;   correct

○ int name[] ;

How many bytes of memory are occupied by array 'str'?
char str[] = "programming";

Answer (Please select your correct option)

○ 10

○ 11   correct

○ 12

○ 13

When the if statement consists more than one statement then enclosing these statement in curly braces is,

Answer (Please select your correct option)

○ Not required

○ Good programming

○ Relevant

○ Must   correct

Suppose that an integer type pointer contains a memory address 0x22f230. What will be the new memory address if we increment this pointer by one?

Answer (Please select your correct option)

○ 0x22f231

○ 0x22f234   *correct*

○ 0x22f226

○ 0x22f238

Which of the following if missing would result in infinite recursion in case of recursive function?

Answer (Please select your correct option)

○ Recursive call   *correct*

○ Base case

○ Function parameters

○ Local variables

Whenever we use a library function or a predefined object or macro, we need to use a _____.

Answer (Please select your correct option)

○ source file

○ object file

○ header file   *correct*

○ exe file

Switch statement deals with _____ type of data.

Answer (Please select your correct option)

○ Integer

○ Float

○ Character

○ Both Integer and Character   _correct_

Both compiler and _____ are used to translate program into machine language code.

Answer (Please select your correct option)

○ debugger

○ linker

○ loader

○ intreperter   _correct_

TWAIN stands for _____ .

Answer (Please select your correct option)

○ Technology With An Interesting Name

○ Technology Without An Informative Name

○ Technology Without An Interesting Name   _correct_

○ Technology With An Informative Name

The parameter passed to isdigit() function is _____.

Answer (Please select your correct option)

○ a character variable   *correct*

○ a boolean variable

○ an integer variable

○ a character string

C++ views each file as a sequential stream of _____.

Answer (Please select your correct option)

○ Bits

○ Bytes   *correct*

○ Numbers

○ Words

Structure is a collection of _____ under a single name.

Answer (Please select your correct option)

○ only functions

○ only variables   *correct*

○ both functions and variables

○ only data types

The default mode for writing into a file using ofstream object is _____ .

Answer (Please select your correct option)

○ out

correct

○ bin

○ app

○ ate

The microsoft word document(.doc) is a kind of _____ .

Answer (Please select your correct option)

○ Sequential File

○ Random Access File   **correct**

○ Binary Access File

○ Executable File

If p and q are two pointers then what is the problem with the following statement?

```
cout << "p = " <<  p << ",  p + q = " << p + q << endl;
```

Answer (Please click here to Add Answer)
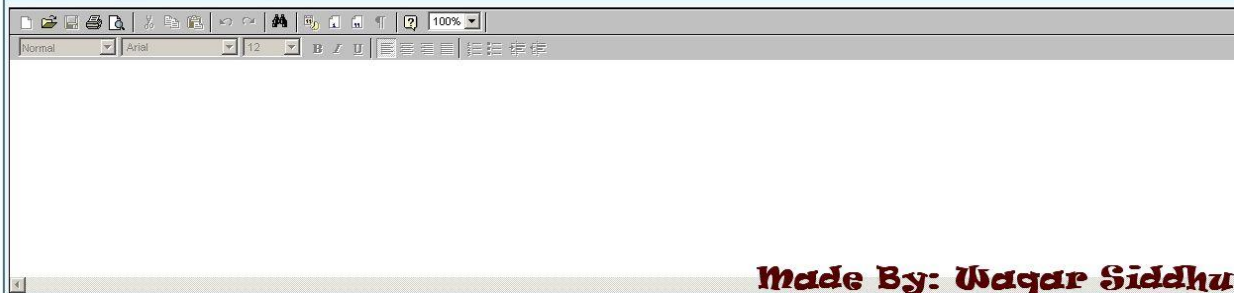
If a structure is passed to a function, What will be the default calling convention (by value or by reference)?

Answer (Please click here to Add Answer)

Explain the logic of the given program code and also determine its output.

```
#include <iostream.h>
#include<string.h>

main()
```

Answer (Please click here to Add Answer)

```
{
    char name[10]= "Khaqan";

    char msg[20] = "Welcome!";

    cout<<strncat(msg, name, 3);
```

Answer (Please click here to Add Answer)

```
    char msg[20] = "Welcome!";

    cout<<strncat(msg, name, 3);

    return 0;
}
```

Answer (Please click here to Add Answer)

| Normal | Arial | 12 | **B** *I* U |

Made By: Waqar Siddhu

Write the code to for the following task.

Declare an integer array longroutes and a pointer routePtr and then assign the address of array longroutes to the pointer variable routePtr.

Answer (Please click here to Add Answer)

| Normal | Arial | 12 | **B** *I* U |

Made By: Waqar Siddhu

Write a program which declares and initializes an integer array of 10 elements and then using a pointer, displays the array elements in reverse order.

Answer (Please click here to Add Answer)

| Normal | Arial | 12 | **B** *I* U |

Made By: Waqar Siddhu

Find out errors in the program if any and after correction, write the output.

```
int main()
{
ofstream outfile;
long position;
```

```
long position;
char outfilename[] = "abc.txt";
outfile.open(outfilename);
if(!outfile)
  {
  cout<<"Error Occured while opening a file";
```

```
cout << "Error Occured while opening a file";
    exit(1);
}
outfile.write("This is a car", 12);
position = outfile.tellp();
outfile.seekp(position-5);
outfile.write("jar", 3);
```

Answer (Please click here to Add Answer)

```
position = outfile.tellp();
outfile.seekp(position-5);
outfile.write("jar", 3);
outfile.close();
return 0;
}
```

Answer (Please click here to Add Answer)