CS201 Quiz NO 1 By AR





When an identifier is declared with keyword const then,

Select the correct option

- Its value can be overwritten- - - - :- **Visit Site (Arapna.com)**
- Its value cannot be changed
- Its value can be changed with arithmetic operator
- Its value can be changed during execution.

Transpose of a matrix means that when we interchange rows and columns_____

Select the correct option

- the first row becomes the Last column

- the Last row becomes the first column
- the first row becomes the first column- - - - :- **Visit Site (Arapna.com)**
- the first column becomes the second column

Which of the following is true about streams?

A. It is a sequence of bytes

B. It is an ordered sequence

C. All bytes can go through the stream simultaneously

D. Bytes that enters first into the stream will go out at last

Select the correct option

- A and B - - - - :- **Visit Site (Arapna.com)**
- C only
- A only
- A and D

In two-dimensional array, we use _____ 'for loop(s)' to populate the array.

Select the correct option

- 4
- 3
- 2- - - - :- **Visit Site (Arapna.com)**
- 1

The data in the memory is _____.

Select the correct option

- none
- non-volatile
- both
- volatile- - - - :- **Visit Site (Arapna.com)**

A string which is assigned to a string variable is terminated by _____.

Select the correct option

- Colon
- Null character- - - - :- **Visit Site (Arapna.com)**
- Semicolon
- Boolean expression

In case of two-dimensional array, if you add some number in a two-dimensional array name, it will jump to the next _____.

Select the correct option

- array
- row- - - - :- **Visit Site (Arapna.com)**
- character
- column

_____are conventional names of the command line parameters of the 'main()' function.

Select the correct option

- ‘argc’ and ‘argv’- - - - :- **Visit Site (Arapna.com)**
- None of the given
- ‘argb’ and ‘argv’
- ‘argc’ and ‘argu’

To get the value stored at a memory address, we use the_____.

Select the correct option

- dereferencing operator- - - - :- **Visit Site (Arapna.com)**
- referencing operator
- binary operator
- AND(&&) operator

When an identifier is declared with keyword const then,

Select the correct option

- Its value cannot be changed- - - - :- **Visit Site (Arapna.com)**
- Its value can be changed during execution.
- Its value can be overwritten
- Its value can be changed with arithmetic operator

Dereferencing operator is represented by _____.

Select the correct option

- *- - - - :- **Visit Site (Arapna.com)**
- &
- +
- –

_____ Returns true if c is a digit or a letter and false otherwise.

Select the correct option

- int isdigit(int c)
- int isalpha(int c)
- int isalnum(int c)- - - - :- **Visit Site (Arapna.com)**
- int isxdigit(int c)

Pointer points to a particular_____.

Select the correct option

- memory address- - - - :- **Visit Site (Arapna.com)**
- Value
- data type
- variable

Which of the following is a correct way to assign the address of the first element of array to pointer? int data[10];

Select the correct option

- int *ptr = data[0];- - - - :- **Visit Site (Arapna.com)**
- int *ptr = data;
- int *ptr = &data;
- int *ptr = data[2];

There is a pointer variable named ptr of type float. Which type of variable address can be stored by ptr?

Select the correct option

- int
- char
- float- - - - :- **Visit Site (Arapna.com)**
- double

Which of the following is a correct way to assign the address of the first element of array to pointer? int data[10];

Select the correct option

- int *ptr = &data;
- int *ptr = data[2];
- int *ptr = data[0];- - - - :- **Visit Site (Arapna.com)**
- int *ptr = data;

In one-dimensional array, we use _____ 'for loop(s)' to populate the array.

Select the correct option

- 1- - - - :- **Visit Site (Arapna.com)**
- 2
- 3
- 4

Pointer points to a particular_____.

Select the correct option

- variable
- data type
- Value
- memory address- - - - :- **Visit Site (Arapna.com)**

Base address is the memory address of _____ element of an array.

Select the correct option

- 1st- - - - :- **Visit Site (Arapna.com)**
- 2nd
- 3rd
- 4th

eof is used to check for the _____ of file when a file is being read.

Select the correct option

- Start
- Middle

- End- - - - :- **Visit Site (Arapna.com)**
- Name

suppose we have int y[10];

To access the 4th element of the array we write_____

Select the correct option

- y[3];- - - - :- **Visit Site (Arapna.com)**
- y[2];
- y[4];
- none of given

The name of the array is a constant pointer which contains the memory address of the _____of the array.

Select the correct option

- second element
- first element- - - - :- **Visit Site (Arapna.com)**
- Last element
- None of the given

At the_____, we try to break up the problem into functional units.

Select the correct option

- testing phase
- design phase- - - - :- **Visit Site (Arapna.com)**

- analysis phase
- Implementation phase

Whenever some number is added in an array name, it will jump as many _____as the added number.

Select the correct option

- bytes
- column
- value
- rows- - - - :- **Visit Site (Arapna.com)**

Following is the declaration of a _____ array. int arr[2][2];

Select the correct option

- 1-Dimensional
- 3-Dimensional
- 2-Dimensional- - - - :- **Visit Site (Arapna.com)**
- None of the given

Base address is the memory address of _____ element of an array.

Select the correct option

- 3rd
- 1st- - - - :- **Visit Site (Arapna.com)**

- 4th
- 2nd

What will be the output of following program?

int data[10] = {10,20,30,40,50,60,70,80,90,100};

int *yptr = &data[5];

cout<<*++yptr;

Select the correct option

- Syntax error
- 61
- 70
- 60

Following is an array of _____ rows and _____ columns. int num[3][4];

Select the correct option

- 4 , 5
- 2, 3
- 4 , 3
- 3 , 4- - - - :- **Visit Site (Arapna.com)**

A character is stored in the memory in _____

Select the correct option

- byte- - - - :- **Visit Site (Arapna.com)**
- None of the given
- string
- integer

The increment of a pointer depends on its_____.

Select the correct option

- value
- data type- - - - :- **Visit Site (Arapna.com)**
- variable
- None of the given

What will be the correct syntax for declaration of the following statement?

"ptr is a constant pointer to an integer"

Select the correct option

- int *const ptr ;
- const int *myptr;- - - - :- **Visit Site (Arapna.com)**
- const * int myptr;
- int const *ptr;

The parameter passed to isdigit() function is _____variable.

Select the correct option

- Double
- Float
- Boolean
- Character- - - - :- **Visit Site (Arapna.com)**

In the case of pointer to pointer or _____, the first pointer contains the address of the second pointer, which contains the address of the variable, which contains the desired value.

Select the correct option

- Dereference
- double dereference- - - - :- **Visit Site (Arapna.com)**
- None of the given
- Single dereference

Given a two dimensional array of integers, what would be the correct way of assigning the value 6 to the element at third row and fourth column?

Select the correct option

- array[4][3] = 6 ;
- array[2][4] = 6 ;
- array[3][4] = 6 ;
- array[2][3] = 6 ;- - - - :- **Visit Site (Arapna.com)**

The value of a pointer can be _____.

Select the correct option

- none of the given options
- name of the variable
- value of the variable
- address of a variable- - - - :- **Visit Site (Arapna.com)**

The use of * sign in first and second statements is called _____ and _____ of pointer.

int *ptr = &x;

cout<<*ptr;

Select the correct option

- referencing, dereferencing- - - - :- **Visit Site (Arapna.com)**
- referencing, referencing
- dereferencing, dereferencing
- dereferencing, referencing

Whenever some number is added in an array name, it will jump as many _____as the added number.

Select the correct option

- column
- value
- rows- - - - :- **Visit Site (Arapna.com)**

- bytes

Which header file must be included to use the functions tolower() and toupper()?

Select the correct option

- ctype.h- - - - :- **Visit Site (Arapna.com)**
- conio.h
- stdlib.h
- iostream.h

The data in the memory is _____.

Select the correct option

- volatile
- none
- both
- non-volatile

Following is the declaration of a _____ array. int arr[2][2][2];

Select the correct option

- 3-Dimensional- - - - :- **Visit Site (Arapna.com)**
- 2-Dimensional
- None of the given
- 1-Dimensional

Pointers are a special type of _____ in which a memory address is stored.Select the correct option

- Strings
- Characters
- variables- - - - :- **Visit Site (Arapna.com)**
- Locations

To get the value stored at a memory address, we use the_____.

Select the correct option

- AND(&&) operator
- dereferencing operator- - - - :- **Visit Site (Arapna.com)**
- binary operator
- referencing operator

Which mode of file is used to open a file or stream for insertion.

Select the correct option

- out
- in - - - - :- **Visit Site (Arapna.com)**
- ate
- app

The value of a pointer can be _____.

Select the correct option

- value of the variable
- name of the variable
- none of the given options
- address of a variable- - - - :- **Visit Site (Arapna.com)**

char **argv can be read as_____.

Select the correct option

- pointer to char
- pointer to pointer to char- - - - :- **Visit Site (Arapna.com)**
- None of the given
- pointer to pointer

In the case of pointer to pointer or _____, the first pointer contains the address of the second pointer, which contains the address of the variable, which contains the desired value.

Select the correct option

- Dereference
- Single dereference
- None of the given
- double dereference- - - - :- **Visit Site (Arapna.com)**

_____ contains functions for manipulations of character data.

Select the correct option

- string.h

- ctype.h- - - - :- **Visit Site (Arapna.com)**
- None of the given
- iostream.h

What will be the correct syntax for declaration of the following statement?

"ptr is a constant pointer to an integer"

Select the correct option

- const * int myptr;
- int *const ptr ;
- const int *myptr;- - - - :- **Visit Site (Arapna.com)**
- int const *ptr;

At the_____, we try to break up the problem into functional units.

Select the correct option

- Implementation phase
- analysis phase
- design phase- - - - :- **Visit Site (Arapna.com)**
- testing phase

The statement cout << yptr will show the _____the yptr points to.

- None of the given

- Value
- memory address- - - - :- **Visit Site (Arapna.com)**
- Variable

What will be the output of following program?

```
int data[10] = {10,20,30,40,50,60,70,80,90,100};
int *yptr = &data[5];
cout<<*++yptr;
```

- 61
- 60
- 70
- Syntax error

Which statement is used to close a file?

Select the correct option

- myFile.shut();
- myFile.close(); - - - - :- **Visit Site (Arapna.com)**
- myFile.off();
- myFile.closefile();

To get the value stored at a memory address, we use the_____.

Select the correct option

- binary operator
- dereferencing operator- - - - :- **Visit Site (Arapna.com)**
- referencing operator
- AND(&&) operator

What is output of following code?

```
int data[10] = {10,20,30,40,50,60,70,80,90,100};

int *xptr = &data[4];

int *yptr = &data[6];

cout<<xptr + yptr++;
```

Select the correct option

- 120- - - - :- **Visit Site (Arapna.com)**
- 110
- 130
- Syntax error

*data means _____.

- Select the correct option
- the address of the variable data
- the size of whatever the data points
- reference
- the value of whatever the data points to

Following is the declaration of a 2D array, how many columns are declared for this array.

int arr[3][2];

Select the correct option

- 2
- 32
- 23
- 3

A character is stored in the memory in _____

- None of the given
- byte- - - - :- **Visit Site (Arapna.com)**
- string
- integer

While handling files, one can have _____ options

Select the correct option

- read the file
- write in some file
- read and write in the same file
- All of the given- - - - :- **Visit Site (Arapna.com)**

If we have a pointer on the left hand side then the right hand side should have a/an_____.

- Address- - - - :- **Visit Site (Arapna.com)**
- Value
- Operator
- Pointer

Given a two dimensional array of integers, what would be the correct way of assigning the value 6 to the element at third row and fourth column?

Select the correct option

- array[4][3] = 6 ;
- array[2][4] = 6 ;
- array[2][3] = 6 ;- - - - :- **Visit Site (Arapna.com)**
- array[3][4] = 6 ;

For the following statement, how much memory will be allocated to myarray[0]?

char * myarray[] = {"Arif", "Sadia"};

Select the correct option

- 6 Bytes
- 7 Bytes
- 5 Bytes
- 4 Bytes

What will be the output of following program?

```
int data[10] = {10,20,30,40,50,60,70,80,90,100};
int *yptr = &data[5];
cout<<*++yptr;
```

Select the correct option

- 60
- Syntax error
- 70
- 61

Which of the following option is correct about array?

Select the correct option

- Different types of elements can be stored in an array.
- Array is not used to store elements.
- Elements in an array cannot be sorted.
- Only one type of elements can be stored in an array.

Following is the declaration of a 2D array, how many columns are declared for this array.

```
int arr[3][2];
```

Select the correct option

- 23
- 3

- 2
- 32

Following is the declaration of a 2D array, how many rows are declared for this array.

int arr[3][2];

Select the correct option

- 23
- 2
- 3
- 32

Which of the following option is correct about array?

Select the correct option

- Only one type of elements can be stored in an array.
- Elements in an array cannot be sorted.
- Array is not used to store elements.
- Different types of elements can be stored in an array.