

An standard array's elements are always stored in _____ memory locations.

- a) sequential
- b) random
- c) sequential and random
- d) data dependents
- e) None of the above

What will be printed:

```
int main()
{
    string str1("abcd");
    string str2("abcd");
    if (str1 == str2)
        cout << "Equal" << endl;
    else
        cout << "Unequal" << endl;
    return 0;
}
```

- a) Equal
- b) Unequal
- c) Error
- d) None of these.

Garbage value means an unpredictable integer. What will be printed:

```
int main()
{
    int a[10];
    cout << a[-1] << " " << a[12] << endl;
    return 0;
}
```

- a) 0 0
- b) Garbage value 0
- c) 0 Garbage Value
- d) Garbage value Garbage Value
- e) Code will not compile
- f) Crash

C and C++ variables cannot start with

- a) a number
- b) special symbols other than the underscore
- c) an alphabetic character
- d) all of the above
- e) (a) and (b)
- f) (a) and (c)
- g) (b) and (c)

Given a `short int` the maximum value of an unsigned integer is

- a) $2^{16} - 1$
- b) $2^{15} - 1$
- c) 2^{16}
- d) 2^{15}
- e) None of these

Given the following declaration

```
char * argv[]
```

`argv` can be understood (correctly) as being:

- a) a pointer to an array of char pointers
- b) a pointer to pointers to char
- c) the address of an array of addresses
- d) (a) and (c)
- e) (b) and (c)
- f) (a), (b) and (c)
- g) None of the above

Process of inserting an element in a stack is called _____

- a) Create
- b) Push
- c) Evaluation
- d) Pop

What is the value of the postfix expression `6 3 2 4 + - *`

- a) Something between -5 and -15
- b) Something between 5 and -5
- c) Something between 5 and 15
- d) Something between 15 and 25