Test Topic: Array element access

1) int scores[]={12,31,41,10}, Given the following array named scores of data type int. Which is the value of the last index?

a. 41

b. 31

c. 12

d. 10

2) Given: string names[]={ "Manny", "Danny", "Maria", "Mary", "Linda");

if we wanted to acess the last array element and print it in descending order. Which is the correct way to access and print array names[]?

a. for (int i = 0 ; i < 4; i++ ){

cout<< names[i]<< endl;

}

b. for (int i = 4 ; i >= 0; i-- ){

cout<<names[i]<< endl;

}

c. for (int i = 4; i <= 0; i -- ){

cout<<names[i]<< endl;

}

d. for ( int i=0; i<4; i++){

cout<<names[i]<<endl;

}

3) To access an array's first element what index do we call?

a. 1

b. 0

c. 3

d.first

4) Which of the following accesses an array of char type and linear searches for char 'd' and replaces it with '!'(excalmation point).

Given char letters[]={'a', 'b', 'c', 'd'};

a. for ( int i= 1; i < 4 ; i--){

if ( letters[i] == 'd'){

letters[i]='!';

}

}

b. for ( int i = 0 ; i<4; i++){

if (letters[i]=='d'){

letters[i]='!';

}

}

c. for ( int i=0; i<4; i++){

if(letters[i]=='a'){

letters[i]='!';

}

}

d. for( int i =0; i<4; i++){

else(letters[i]=='d'){

letters[i]='i';

}

}

5) Accessing an array values out of bounds will give?

a. Desired values

b. compile errors

c.return undefined value

d. return the last element value

Answers: 1-c, 2-b, 3-b, 4-b, 5-c

Questions reviewed by: Rajan Silwal