12 Lecture - CS201

Important Mcqs

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1. What is the size of a character array that can store a string of length 10?
    a) 10
    b) 11
    c) 12
    d) 13
    Answer: b) 11
2. Which of the following is the correct way to initialize a character array?
    a) char array[] = "Hello";
    b) char array[5] = "Hello";
    c) char array[6] = {'H', 'e', 'l', 'l', 'o'};
    d) All of the above
    Answer: d) All of the above
3. Which of the following string functions can be used to concatenate two character arrays?
    a) strlen()
    b) strcpy()
    c) strcat()
    d) strcmp()
    Answer: c) strcat()
4. Which of the following string functions can be used to copy one character array to another?
    a) strlen()
    b) strcpy()
    c) strcat()
    d) strcmp()
    Answer: b) strcpy()
5. What is the output of the following code snippet?
    char str1[] = "Hello";
    char str2[] = "World";
    strcat(str1, str2);
    printf("%s", str1);
    a) Hello World
    b) World Hello
    c) Hello
    d) World
    Answer: a) Hello World
6. Which of the following is not a valid way to declare a character array?
    a) char array[10];
    b) char* array = "Hello";
    c) char array[] = "Hello";
    d) All of the above are valid
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Answer: b) char* array = "Hello";
 7. Which of the following string functions returns the length of a string?
     a) strlen()
     b) strcpy()
     c) strcat()
     d) strcmp()
     Answer: a) strlen()
 8. What is the output of the following code snippet?
     char str1[10] = "Hello";
     char str2[10];
     strcpy(str2, str1);
     printf("%s", str2);
     a) Hello
     b) World
     c) None of the above
     d) It will result in a compile-time error
     Answer: a) Hello
 9. What is the size of a character array that can store an empty string?
     a) 0
     b) 1
     c) 2
     d) It is not possible to declare an empty character array
     Answer: b) 1
10. Which of the following string functions returns a negative, zero, or positive value depending on
     whether the first string is less than, equal to, or greater than the second string?
     a) strlen()
     b) strcpy()
     c) strcat()
     d) strcmp()
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Answer: d) strcmp()