**Placement Series, Day-07**

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Answers:

1. A. Rs. 50
2. Write a function such that,  
   parameter: “jack and jill went up a hill”  
   return value: “kcaj dna llij tnew pu a llih”

#include <stdio.h>

#include <string.h>

*void* reverseString(*char*\* *str*, *int* *start*, *int* *end*)

{

    while (*start* < *end*)

    {

*char* temp = *str*[*start*];

*str*[*start*] = *str*[*end*];

*str*[*end*] = temp;

*start*++;

*end*--;

    }

}

*char*\* reverseWords(*char*\* *sentence*)

{

*int* length = strlen(*sentence*);

*int* start = 0;

    for (*int* i = 0; i < length; i++)

    {

        if (*sentence*[i] == ' ' || *sentence*[i] == '\0')

        {

            reverseString(*sentence*, start, i - 1);

            start = i + 1;

        }

    }

    return *sentence*;

}

*int* main()

{

*char* inputSentence[1000];

    printf("Enter a sentence: ");

    fgets(inputSentence, sizeof(inputSentence), stdin);

    if (inputSentence[strlen(inputSentence) - 1] == '\n')

    {

        inputSentence[strlen(inputSentence) - 1] = '\0';

    }

*char*\* reversedSentence = reverseWords(inputSentence);

    printf("Reversed sentence: %s\n", reversedSentence);

    return 0;

}

1. B. Only II follows
2. C. III
3. 8