

## 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;
}
```

3. B. Only II follows
4. C. III
5. 8