

unit2\midterm_code9.c

```
1 // c function to reverse words in string?(failed)
2 #include <stdio.h>
3 #include <string.h>
4 void reverseword(char *str);
5
6 void main(void)
7 {
8     char* str1 = "ziad hisham";
9     reverseword(str1);
10 }
11 void reverseword(char *str)
12 {
13     int size = strlen(str);
14     int start, fin;
15     fin = size - 1;
16     for (int i = fin; i >= 0; i--)
17     {
18         if (str[i] == ' ' || i == 0)
19             start = 0; // 1st word
20         else
21             start = i + 1; // 2nd word
22         for (int j = start; j <= fin; j++)
23         {
24             printf("%c", str[j]);
25         }
26         fin = i - 1;
27         printf(" ");
28     }
29 }
30 /*
31 char str[100];
32 int i, j, len, startIndex, endIndex;
33
34 printf("\n Please Enter any String : ");
35 gets(str);
36
37 len = strlen(str);
38 endIndex = len - 1;
39
40 printf("\n ***** Given String in Reverse Order ***** \n");
41 for(i = len - 1; i >= 0; i--)
42 {
43     if(str[i] == ' ' || i == 0)
44     {
45         if(i == 0)
46         {
47             startIndex = 0;
48         }
49         else
50         {
51             startIndex = i + 1;
52         }
53     }
54 }
```

```
53     for(j = startIndex; j <= endIndex; j++)
54     {
55         printf("%c", str[j]);
56     }
57     endIndex = i - 1;
58     printf(" ");
59 }
60 }
61 */
```