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|  | **DEPARTMENT OF FIRST YEAR ENGINEERING** |

**Experiment No. 15**

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| Semester | F.E. Semester II – First Year Engineering |
| Subject | C Programming (FEL204) |
| Subject Professor In-charge | Prof. Sanjeev Dwivedi Sir |
| Assisting Teachers | Prof. Sneha Annappanavar |

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| Student Name | Deep Salunkhe |
| Roll Number | 21102A0014 |

**Title:**

**Program Code:**

#include<stdio.h>

#include<string.h>

void reverse(char s1[100])

{

    int i,j;

    char temp;

    i=0;

    j=strlen(s1)-1;

    while(i<j)

    {

        temp=s1[i];

        s1[i]=s1[j];

        s1[j]=temp;

        i++;

        j--;

    }

}

int main()

{

    char s1[100],s2[100];

    printf("Enter String:\n");

    gets(s1);

    strcpy(s2,s1);

    reverse(s1);

    if(strcmp(s1,s2)==0)

    {

        printf("\nPalindrome String");

    }

    else

    {

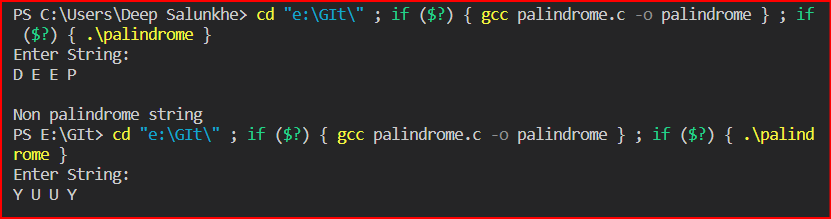
        printf("\nNon palindrome string");

    }

    return 0;

}

**Output:**

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