

A Micro Project Report

on

Problem Solving using C Language

Submitted by
Doddi Tejaswini (23471A05DL)



DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING
NARASARAOPETA ENGINEERING COLLEGE:NARASARAOPET.
(AUTONOMOUS)

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Palnadu(Dt.), Andhra Pradesh, India**

2024-2025

NARASARAOPETA ENGINEERING COLLEGE: NARASARAOPET
(AUTONOMOUS)
DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING



CERTIFICATE

This is to certify that **Doddi Tejaswini** , **Roll No: 23471A05DL**, a Second Year Student of the Department of Computer Science and Engineering, has completed the Micro Project Satisfactorily in “Problem Solving using C Language” for the Academic Year 2024-2025..

Project Co-Ordinator
Dr. Rama Krishna. Eluri, M.Tech., Ph.D.
Asst. Professor

HEAD OF THE DEPARTMENT
Dr. S. N. Tirumala Rao, M.Tech., Ph.D.
Professor

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S.No	Description
1.	Eamcet ranking system (Highest score get first, if more than one student get equal score then check the student priority, hear don't change student order)

Eamcet ranking system of students

AIM:

Eamcet ranking system (Highest score get first, if more than one student get equal score then check the student priority, hear don't change student order)

```
#include <stdio.h>
```

```
struct student
```

```
{
```

```
    int ROLL;
```

```
    char NAME[50];
```

```
    int IPE;
```

```
    int SCORE;
```

```
    int RANK;
```

```
};
```

```
int main()
```

```
{
```

```
    struct student students[10];
```

```
    int arr[10];
```

```
    int n;
```

```
    int temp =0;
```

```
    printf("totally how many students");
```

```
    scanf("%d",&n);
```

```
    for(int i=0;i<n;i++)
```

```

{
    printf("\n ENTER YOUR NAME:\n");

    scanf("%s",students[i].NAME);

    printf("\n ENTER YOUR ROLL NUMBER:\n");

    scanf("%s",students[i].ROLL);

    printf("\n ENTER YOUR IPE PERCENTAGE: \n");

    scanf("%s",students[i].IPE);

    printf("\n ENTER YOUR SCORE: \n");

    scanf("%s",students[i].SCORE);
}

for(int i=0;i<n;i++)

{
    arr[i]=students[i].SCORE;
}

for(int i=0;i<n-1;i++)

{
    for(int j=0;j<n-i-1;j++)
    {

        if(arr[j]<arr[j+1])
        {
            temp=arr[j];
            arr[j]=arr[j+1];
            arr[j+1]=temp;
        }
    }
}

```

```

    }

    for(int i=0;i<n-1;i++)
    {
        for(int j=0;j<n-i-1;j++)
        {
            if(students[j].SCORE==arr[i])
            {
                students[i].SCORE=j+1;
            }
        }
    }

    for(int i=0;i<n;i++)
    {
        printf("\n NAME: %s",students[i].NAME);
        printf("\n ROLL NUMBER: %s\n",students[i].ROLL);
        printf("\n IPE PERCENTAGE: %s\n",students[i].IPE);
        printf("\n YOUR SCORE %s: \n",students[i].SCORE);
        printf("\n YOUR rank %s: \n",students[i].RANK);
    }

    return 0;
}

```

INPUT:

totally how many students 3
 ENTER YOUR NAME: Tejaswini
 ENTER YOUR ROLL NUMBER:1
 ENTER YOUR IPE PERSENTAGE:99

ENTER YOUR SCORE:159
ENTER YOUR NAME: Farhana
ENTER YOUR ROLL NUMBER:2
ENTER YOUR IPE PERSENTAGE:58
ENTER YOUR SCORE:57
ENTER YOUR NAME: Nagalakshmi
ENTER YOUR ROLL NUMBER:3
ENTER YOUR IPE PERSENTAGE:51
ENTER YOUR SCORE:15

OUTPUT:

NAME: Tejaswini
ROLL NUMBER:1
IPE PERSENTAGE:99
YOUR SCORE:159
YOUR RANK:1
NAME: Farhana
ROLL NUMBER:2
IPE PERSENTAGE:58
YOUR SCORE:57
YOUR RANK:2
NAME: Nagalakshmi
ROLL NUMBER:3
IPE PERSENTAGE:51
YOUR SCORE:15
YOUR RANK:3

```
totally how many students 3
ENTER YOUR NAME: meera muqthyar
ENTER YOUR ROLL NUMBER:1
ENTER YOUR IPE PERSENTAGE:99
ENTER YOUR SCORE:159
ENTER YOUR NAME: jack
ENTER YOUR ROLL NUMBER:2
ENTER YOUR IPE PERSENTAGE:58
ENTER YOUR SCORE:57
ENTER YOUR NAME: jon
ENTER YOUR ROLL NUMBER:3
ENTER YOUR IPE PERSENTAGE:51
ENTER YOUR SCORE:15
```

```
NAME: meera muqthyar
| ROLL NUMBER:1
| IPE PERSENTAGE:99
YOUR SCORE:159
YOUR RANK:1
NAME: jack
ROLL NUMBER:2
IPE PERSENTAGE:58
YOUR SCORE:57
YOUR RANK:2
| NAME: jon
ROLL NUMBER:3
IPE PERSENTAGE:51
| YOUR SCORE:15
YOUR RANK:3
```