

120CS0196

# PROGRAMMING LABORATORY-3

CS1000

Assignment-3

Group-'P7' Section:'E'

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Codes are uploaded on my GitHub account :  
<https://github.com/prachi237/justC>

# Assignment-3

1 WAP to find the maximum of three numbers using Nested If Else

//WAP to find the maximum of three numbers using Nested If Else.

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

```
int main()
```

```
{    int a;
```

```
        int b;
```

```
        int c;
```

```
        printf("enter the value of a,b,c:");
```

```
        scanf("%d %d %d",&a,&b,&c);
```

```
        if(a>b)
```

```
        {
```

```
            if(a>c){
```

```
                printf("\n greatest is",a);
```

```
            }
```

```
            else{
```

```
                printf("greatest is",c);
```

```
            }
```

```
        }
```

```
        else {
```

```
            if(b>c)
```

```
            {
```

```
                printf("greatest is",b);
```

```
            }
```

```
            else{
```

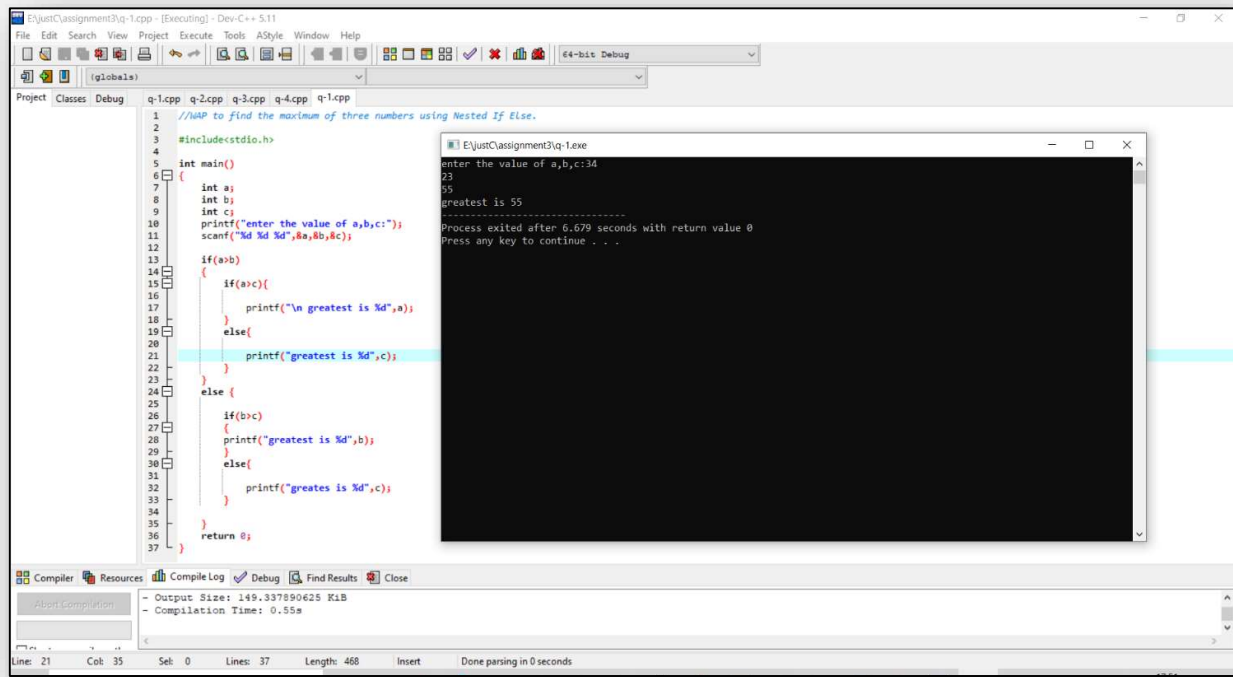
```
                printf("greatest is",c);
```

```
            }
```

```
}
```

```
    return 0;
```

```
}
```



2) WAP to find minimum of two integer using conditional operator.

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

```
int main()
```

```
{
```

```
    int num1, num2;
```

```
    printf("enter the value of num1");
```

```
    scanf("%d",&num1);
```

```
    printf("enter the value of num2");
```

```
    scanf("%d",&num2);
```

```
    if(num1>num2)
```

```
    {
```

```
        printf("smallest is num2 %d",num2);
```

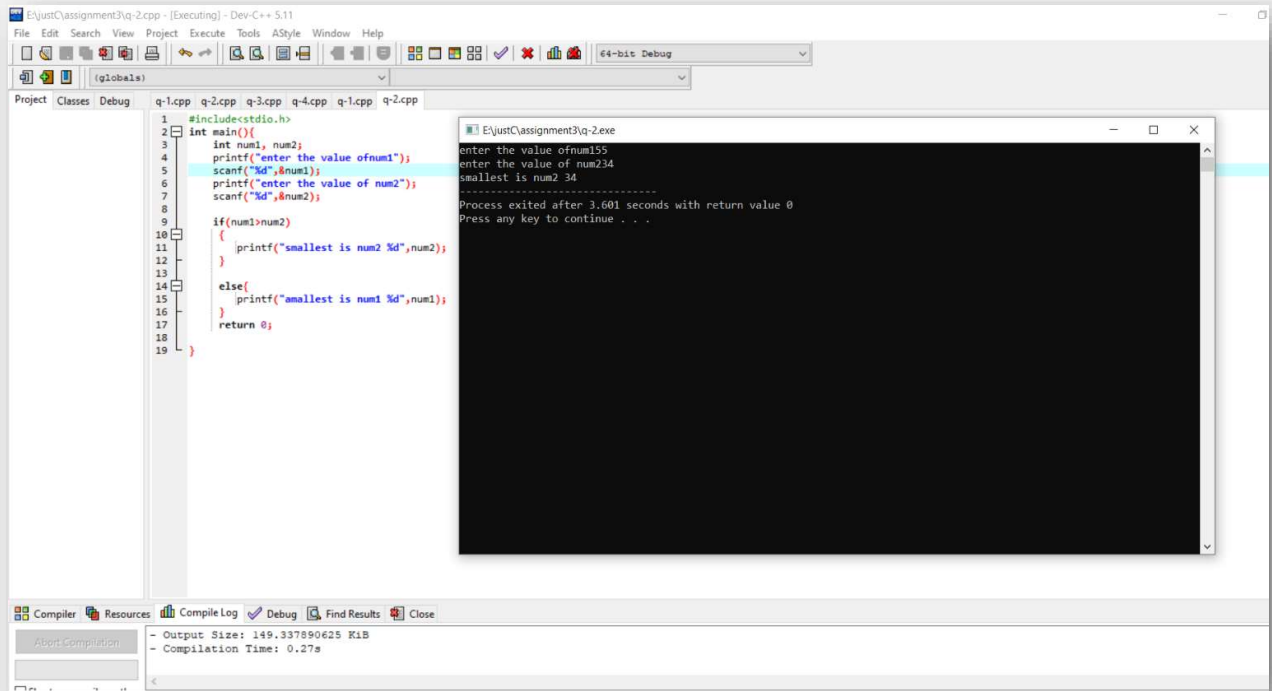
```
    }
```

```
    else{
```

```
        printf("smallest is num1 %d",num1);
```

```
    }
```

```
    return 0; }
```



3) WAP to implement calculator using switch case for two variables.

Hint :

Enter a,b

2,3

Enter Operation : 1. Add 2. Subtract 3. Multiply 4. Division

Output:

3

The answer is 6

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

```
int main()
```

```
{
```

```
    int a,b;
```

```
    int choice;
```

```
    printf(" 1.Addition\n 2.Subtraction\n 3.Multiplication\n 4.Division\n");
```

```
    printf("Enter the values of a & b: ");
```

```
    scanf("%d %d",&a,&b);
```

```
    printf("Enter your Choice : ");
```

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

```
    switch(choice)
```

```
    {
```

```
        case 1      :
```

```
            printf("Sum of %d and %d is : %d",a,b,a+b);
```

```
            break;
```

```
        case 2      :
```

```
            printf("Difference of %d and %d is : %d",a,b,a-b);
```

```
            break;
```

```
        case 3      :
```

```
            printf("Multiplication of %d and %d is : %d",a,b,a*b);
```

```
            break;
```

```
        case 4      :
```

```
            printf("Division of Two Numbers is %d : ",a/b);
```

```
            break;
```

```
        default     :
```

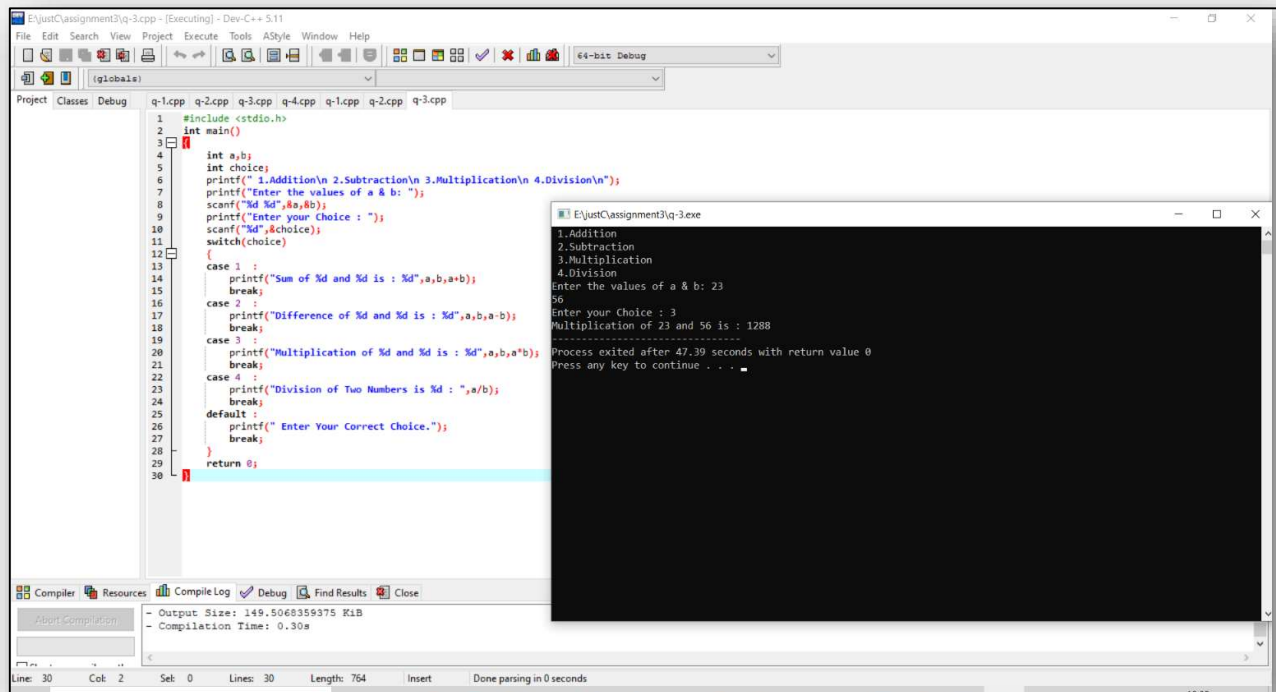
```
            printf(" Enter Your Correct Choice.");
```

```
            break;
```

```
    }
```

```
    return 0;
```

```
}
```



4) WAP to print the following one line sequence.

\*

\*\*

\*\*\*

\*\*\*\*

\*\*\*\*\*

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

```
int main()
```

```
{
```

```
    int i, j, rows;
```

```
    printf("Enter the number of rows: ");
```

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

```
    for (i = 1; i <= rows; ++i) {
```

```
        for (j = 1; j <= i; ++j) {
```

```
            printf("* ");
```

```

    }

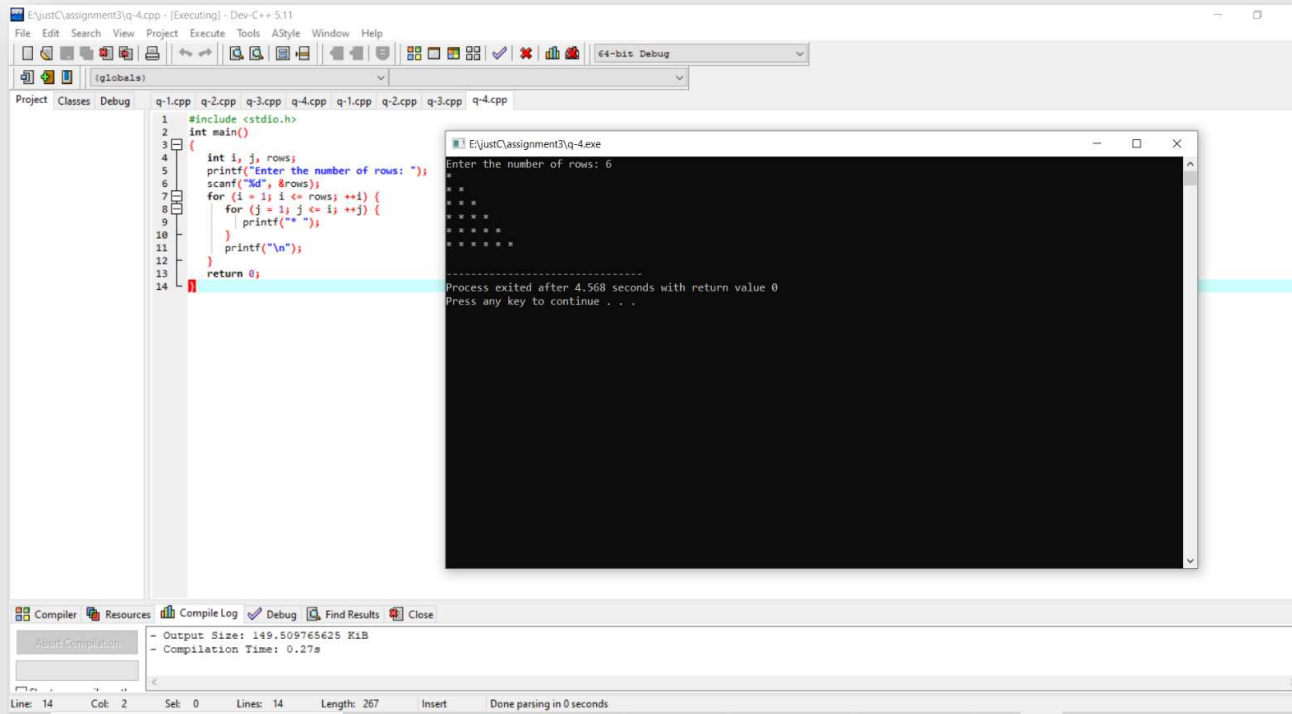
    printf("\n");

}

return 0;

}

```



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Submitted by: **Prachi Nandi** 120CS0196

# THANK YOU