

**Q.1 Write a Program to find the minimum number from the given 3 numbers using nested if else. Also, draw a Flowchart in your book.**

For example,

Input:

Enter a value of the first number: 8

Enter a value of the second number: 3

Enter a value of the third number: 12

Output:

The minimum value is: 3

Ans:

// Online C compiler to run C program online

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

```
void main() {
    int firstnumber;
    int secondnumber;
    int thirdnumber;
    printf("enter value of the firstnumber :");
    scanf("%d",&firstnumber);

    printf("enter value of the secondnumber :");
    scanf("%d",&secondnumber);

    printf("enter value of the thirdnumber :");
    scanf("%d",&thirdnumber);
    if(firstnumber<secondnumber){
        if(firstnumber<thirdnumber){
            printf("the minimum value is :%d\n",firstnumber);
        }else{
            printf("the minimum value is :%d\n",thirdnumber);
        }
    }else{
        if(secondnumber<thirdnumber){
            printf("the minimum value is :%d\n",secondnumber);
        }else{
            printf("the minimum value is :%d\n",thirdnumber);
        }
    }
}
```

o/p:

enter value of the firstnumber :8  
enter value of the secondnumber :3  
enter value of the thirdnumber :12  
the minimum value is :3

**Q.2 Write a Program to find the maximum number from the given 4 numbers using nested if else. Also, draw a Flowchart in your book.**

For example,

Input:

Enter a value of the first number: 8  
Enter a value of the second number: 3  
Enter a value of the third number: 12  
Enter a value of the fourth number: 7

Output:

The maximum value is: 12

Ans :

// Online C compiler to run C program online

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

```
void main() {  
    int firstnumber;  
    int secondnumber;  
    int thirdnumber;  
    int fourthnumber;  
  
    printf("enter value of the firstnumber :");  
    scanf("%d",&firstnumber);  
  
    printf("enter value of the secondnumber :");  
    scanf("%d",&secondnumber);  
  
    printf("enter value of the thirdnumber :");  
    scanf("%d",&thirdnumber);  
  
    printf("enter value of the fourthnumber");  
    scanf("%d",&fourthnumber);  
  
    if(firstnumber>secondnumber){  
        if(firstnumber>thirdnumber){  
            if(firstnumber>fourthnumber){  
                printf("the maximum value is: %d\n",firstnumber);  
            }  
        }  
    }  
}
```

```

}else{
    printf("the maximum value is: %d\n",fourthnumber);
}
}else{
    if(thirdnumber>fourthnumber){

        printf("the maximum value is: %d\n",thirdnumber);
    }else{
        printf("the maximum value is: %d\n",fourthnumber);
    }
}
}else{
    if(secondnumber>thirdnumber){
    if(secondnumber>fourthnumber){
        printf("the maximum value is: %d\n",secondnumber);
    }else{
        printf("the maximum value is: %d\n",fourthnumber);
    }
}
}else{
    if(thirdnumber>fourthnumber){
        printf("the maximum value is: %d\n",thirdnumber);
    }else{
        printf("the maximum value is: %d\n",fourthnumber);
    }
}
}
}
}

```

o/p:

```

enter value of the firstnumber :8
enter value of the secondnumber :3
enter value of the thirdnumber :12
enter value of the fourthnumber 7
the maximum value is: 12

```

=== Code Exited With Errors ===