*C:\Users\pc\Documents\C (notepad)\p.c - Notepad++

File Edit Search View Encoding Language Settings Tools Macro Run Plugins Window ?

m.c n.c o.c p.c new 1

```c
#include <stdio.h>

void main(){

    int arr[10], max,min,flag=0;
    for (int i=0; i<10; i++){
        printf("Please Enter number %d : ",i+1);
        scanf(" %d",&arr[i]);
    }

    max=arr[0];
    for (int i=0; i<10; i++){
        if (max == arr [i]){
            flag++;
        }
    }

    for (int i=1; i<10; i++){
        if (arr[i] > max){
            max = arr[i];
        }
    }

    min=arr[9];
    for (int i=8; i>=0; i--){
        if (arr[i] < min){
            min = arr[i];
        }
    }

        if (flag == 10){
           printf("All Numbers are equal");
        }
        else {
           printf("The Maximum value = %d\n", max);
           printf("The Minimum value = %d", min);

        }
```

Windows PowerShell

```
PS C:\Users\pc\Documents\C (notepad)> gcc p.c -o p.exe
PS C:\Users\pc\Documents\C (notepad)> ./p.exe
Please Enter number 1 : 1
Please Enter number 2 : 1
Please Enter number 3 : 1
Please Enter number 4 : 1
Please Enter number 5 : 1
Please Enter number 6 : 1
Please Enter number 7 : 1
Please Enter number 8 : 1
Please Enter number 9 : 1
Please Enter number 10 : 1
All Numbers are equal
PS C:\Users\pc\Documents\C (notepad)> ./p.exe
Please Enter number 1 : 1
Please Enter number 2 : 2
Please Enter number 3 : 3
Please Enter number 4 : 4
Please Enter number 5 : 5
Please Enter number 6 : 6
Please Enter number 7 : 7
Please Enter number 8 : 8
Please Enter number 9 : 9
Please Enter number 10 : 10
The Maximum value = 10
The Minimum value = 1
PS C:\Users\pc\Documents\C (notepad)>
```

C:\Users\pc\Documents\C (notepad)\a5.c - Notepad++

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m.c | n.c | o.c | p.c | a5.c | new 2 | b.c | c.c

```c
#include <stdio.h>


void main(){

    int flag=0, max, min;
    int arr1[10]={75,65,55,85,90,100,20,25,35,95};
    int arr2[10]={99,40,45,55,89,10,25,98,83,72};
    int arr3[10]={87,92,15,45,96,100,20,52,50,51};

    max=arr1[0];
    for (int i=0; i<10; i++){
        if (max == arr1[i]){
            flag++;
        }
    }

    for (int i=1; i<10; i++){
        if (arr1[i] > max){
            max = arr1[i];
        }
    }

    min=arr1[9];
    for (int i=8; i>=0; i--){
        if (arr1[i] < min){
            min = arr1[i];
        }
    }

            for (int i=0; i<10; i++){
            if (arr1[i]>=50){
                flag++;
            }
        }
        printf ("For class 1 :\n");
        printf ("Number of students passed in class = %d\n",flag);
        printf ("Max grade = %d\n",max);
```

Windows PowerShell

```
PS C:\Users\pc\Documents\C (notepad)> gcc a5.c -o a5.exe
PS C:\Users\pc\Documents\C (notepad)> ./a5.exe
For class 1 :
Number of students passed in class = 8
Max grade = 100
Min grade = 20

For class 2 :
Number of students passed in class = 6
Max grade = 99
Min grade = 10

For class 3 :
Number of students passed in class = 7
Max grade = 100
Min grade = 15

PS C:\Users\pc\Documents\C (notepad)>
```

```
            for (int i=0; i<10; i++){
            if (arr1[i]>=50){
                flag++;
            }
        }
        printf ("For class 1 :\n");
        printf ("Number of students passed in class = %d\n",flag);
        printf ("Max grade = %d\n",max);
        printf ("Min grade = %d\n\n",min);


    max=arr2[0];
    for (int i=0; i<10; i++){
        if (max == arr2[i]){
            flag++;
        }
    }

    for (int i=1; i<10; i++){
        if (arr2[i] > max){
            max = arr2[i];
        }
    }

    min=arr2[9];
    for (int i=8; i>=0; i--){
        if (arr2[i] < min){
            min = arr2[i];
        }
    }
            flag =0;
            for (int i=0; i<10; i++){
            if (arr2[i]>=50){
                flag++;
            }
        }
        printf ("For class 2 :\n");
        printf ("Number of students passed in class = %d\n",flag)
```

Windows PowerShell

```
PS C:\Users\pc\Documents\C (notepad)> gcc a5.c -o a5.exe
PS C:\Users\pc\Documents\C (notepad)> ./a5.exe
For class 1 :
Number of students passed in class = 8
Max grade = 100
Min grade = 20

For class 2 :
Number of students passed in class = 6
Max grade = 99
Min grade = 10

For class 3 :
Number of students passed in class = 7
Max grade = 100
Min grade = 15

PS C:\Users\pc\Documents\C (notepad)>
```

```
        for (int i=0; i<10; i++){
        if (arr2[i]>=50){
            flag++;
        }
    }
    printf ("For class 2 :\n");
    printf ("Number of students passed in class = %d\n",flag);
    printf ("Max grade = %d\n",max);
    printf ("Min grade = %d\n\n",min);

max=arr3[0];
for (int i=0; i<10; i++){
    if (max == arr3[i]){
        flag++;
    }
}

for (int i=1; i<10; i++){
    if (arr3[i] > max){
        max = arr3[i];
    }
}

min=arr3[9];
for (int i=8; i>=0; i--){
    if (arr3[i] < min){
        min = arr3[i];
    }
}
        flag =0;
        for (int i=0; i<10; i++){
        if (arr3[i]>=50){
            flag++;
        }
    }
    printf ("For class 3 :\n");
    printf ("Number of students passed in class = %d\n",flag);
    printf ("Max grade = %d\n",max);
    printf ("Min grade = %d\n\n",min);
```

Windows PowerShell

```
PS C:\Users\pc\Documents\C (notepad)> gcc a5.c
PS C:\Users\pc\Documents\C (notepad)> ./a5.exe
For class 1 :
Number of students passed in class = 8
Max grade = 100
Min grade = 20

For class 2 :
Number of students passed in class = 6
Max grade = 99
Min grade = 10

For class 3 :
Number of students passed in class = 7
Max grade = 100
Min grade = 15

PS C:\Users\pc\Documents\C (notepad)>
```