

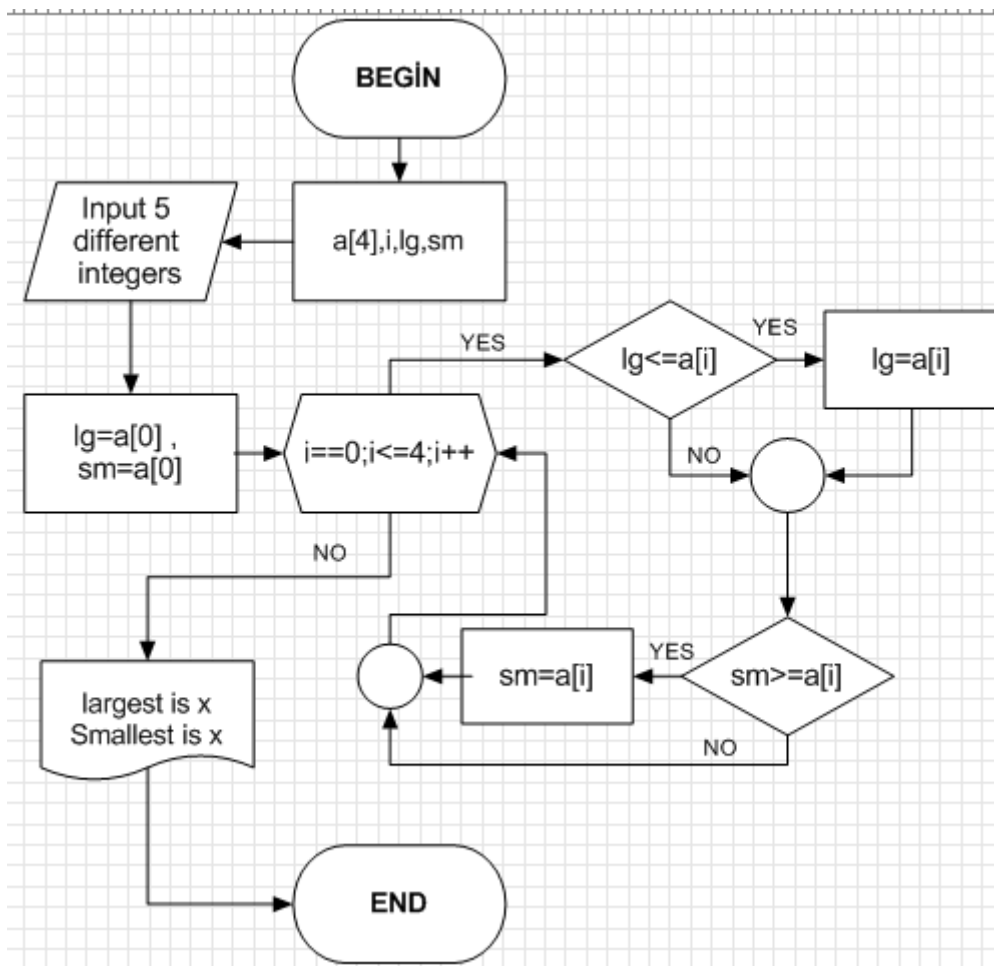
EED 1005 Introduction to Programming

Laboratory#4

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Task 1:



```

#include<stdlib.h>

#include<stdio.h>

int main()
{
    int a[4],i,lg,sm;

    printf("Input 5 different integers:");
    scanf("%d%d%d%d%d",&a[0],&a[1],&a[2],&a[3],&a[4]);

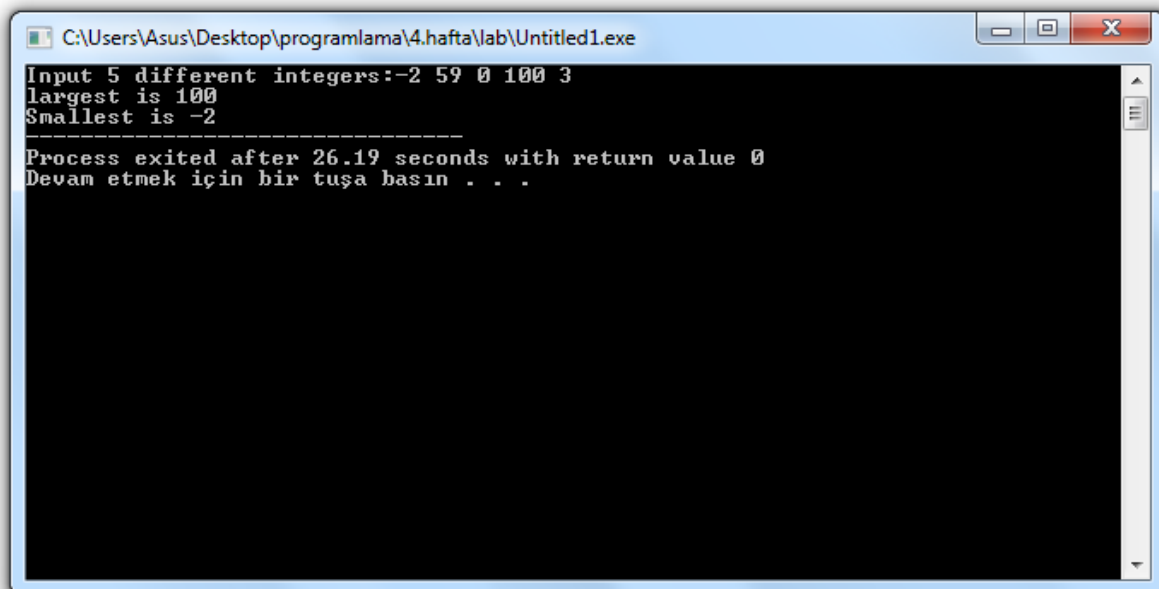
    lg=a[0]; sm=a[0];

    for(i==0;i<=4;i++){
        if(lg<a[i]){
            lg=a[i]; }
        if(sm>a[i]){
            sm=a[i]; } }

    printf("largest is %d\n",lg);

    printf("Smallest is %d",sm);
}

```

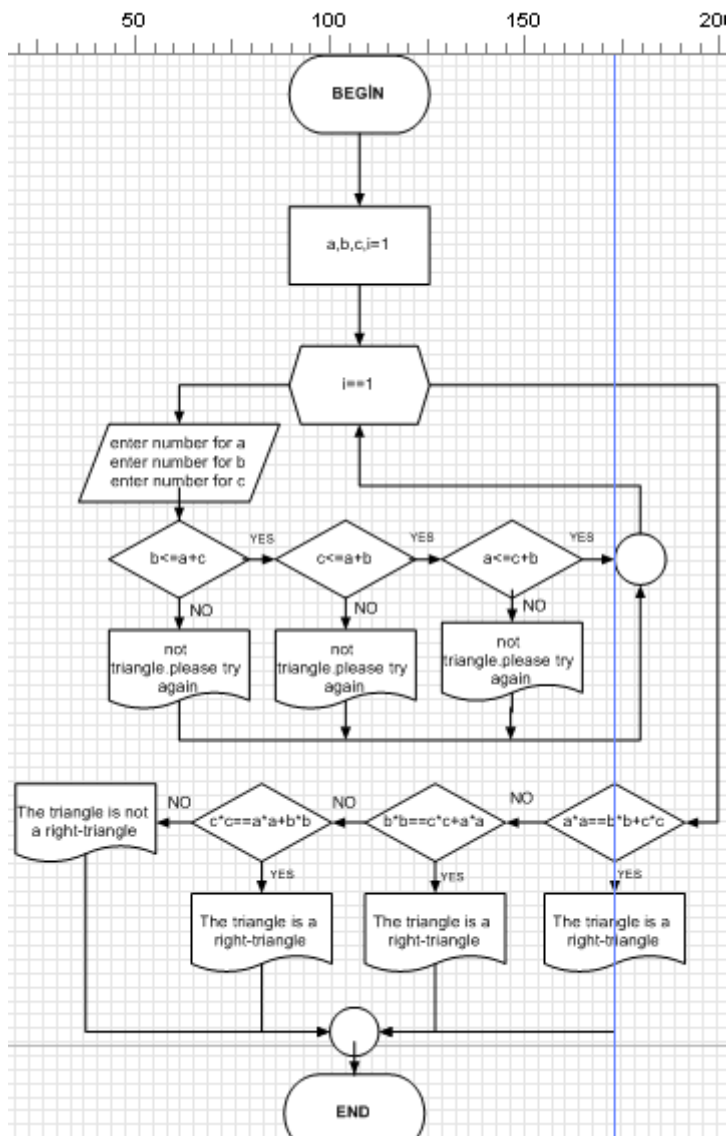


```

C:\Users\Asus\Desktop\programlama\4.hafta\lab\Untitled1.exe
Input 5 different integers:-2 59 0 100 3
largest is 100
Smallest is -2
-----
Process exited after 26.19 seconds with return value 0
Devam etmek için bir tuşa basın . . .

```

Task 2:



```

#include<stdlib.h>

#include<stdio.h>

int main()
{
    int a,b,c,i=1;
    while(i==1){
        printf("Enter number for a:"); scanf("%d",&a);
        printf("Enter number for b:"); scanf("%d",&b);
        printf("Enter number for c:"); scanf("%d",&c);
        if(a<=b+c)
        {
            if(b<=a+c)
            {
                if(c<=a+b)
                {
                    i=0;
                    printf("The values %d,%d and %d can form the three
sides of a triangle\n",a,b,c);
                }
                else
                {
                    printf("The values %d,%d and %d can not form
the three sides of a triangle.\nPlease try again\n",a,b,c);
                }
            }
        }
        else
        {

```

```
        printf("The values %d,%d and %d can not form  
the three sides of a triangel.\nPlease try again\n",a,b,c);
```

```
    }
```

```
}
```

```
else
```

```
{
```

```
        printf("The values %d,%d and %d can not form  
the three sides of a triangel.\nPlease try again\n",a,b,c);
```

```
    }
```

```
}
```

```
if(b*b==a*a+c*c)
```

```
{
```

```
    printf("The triangle is a right-triangle");
```

```
}
```

```
else if(a*a==c*c+b*b)
```

```
{
```

```
    printf("The triangle is a right-triangle");
```

```
}
```

```
else if(c*c==b*b+a*a)
```

```
{
```

```
    printf("The triangle is a right-triangle");
```

```
}
```

```
else{
```

```
    printf("The triangle is not a right-triangle");
```

```
}
```

```
    return 0;
```

```
}
```

```
C:\Users\Asus\Desktop\programlama\4.hafta\lab\Untitled2.exe
Enter number for a:100
Enter number for b:5
Enter number for c:4
The values 100,5 and 4 can not form the three sides of a triangel.
Please try again
Enter number for a:3
Enter number for b:4
Enter number for c:5
The values 3,4 and 5 can form the three sides of a triangle
The triangle is a right-triangle
-----
Process exited after 8.529 seconds with return value 0
Devam etmek için bir tuşa basın . . .
```