

DOKUZ EYLÜL UNIVERSITY

Faculty of Engineering

Electrical and Electronics Engineering



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## EED 1005 Introduction to Programming

## Laboratory#4

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Student Name : Yavuz BALI

Number:2014502021

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### Preliminary Work:

#### Task 1:

```
#include<math.h>

#include<stdio.h>

#include<stdlib.h>

int main()

{
    int a,b,sum;

    printf("Please enter a value for a :"); //ask the first integer from user keyboard

    scanf("%d",&a); // scan the first integer to address of a

    printf("Please enter a value for b :"); // ask the second integer from user

    keyboard
    scanf("%d",&b); // scan the second integer to address of b

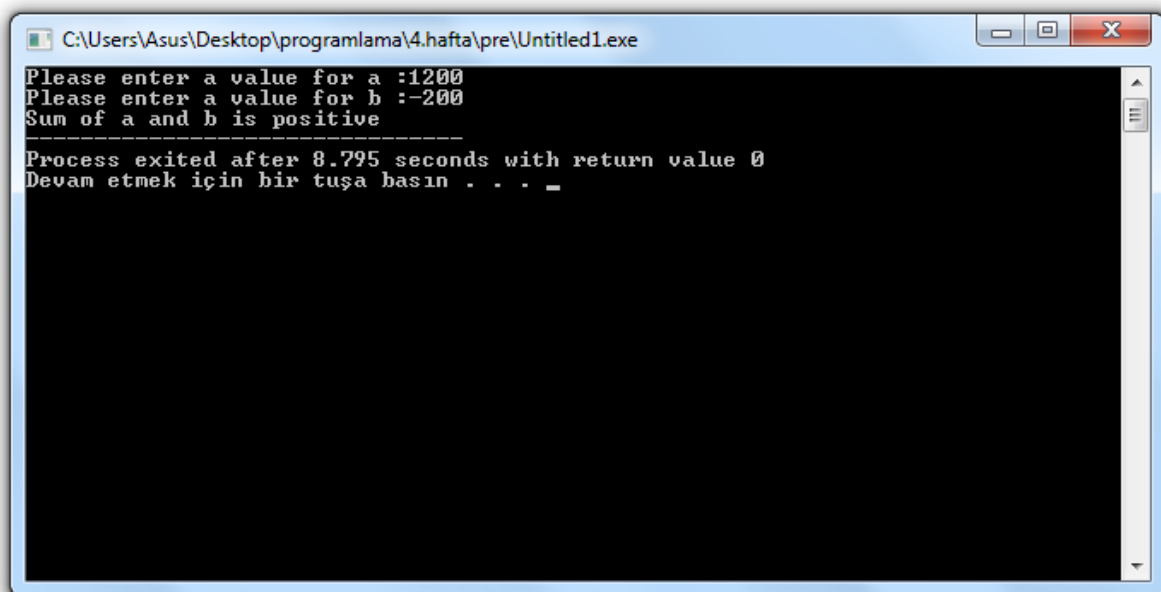
    sum=a+b; // sum is equal to a+b
    if(sum>0) // if condition for compare the sum with 0 for negative,positive or
    equal
    {

        printf("Sum of a and b is positive");

    }

    else if(sum=0)
```

```
{  
    printf("Sum of a and b is equal at 0");  
}  
else  
{  
    printf("sum of a and b is negative.");  
}  
return 0;  
}
```



The screenshot shows a Windows command prompt window titled "C:\Users\Asus\Desktop\programlama\4.hafta\pre\Untitled1.exe". The window has a black background with white text. The text inside the window is as follows:

```
Please enter a value for a :1200  
Please enter a value for b :-200  
Sum of a and b is positive  
-----  
Process exited after 8.795 seconds with return value 0  
Devam etmek için bir tuşa basın . . . _
```

## Task 2:

```
#include <stdio.h>

#include <stdlib.h>

int main() {
    int grade;

    printf("Please enter the grade: "); //ask a number from user keyboard
    scanf("%d",&grade); //scan the number to address of grade
    printf("\n");

    switch(grade>=90){ //first switch case statement for compare the grade
        case 1: printf("%d=AA\n",grade); break;
        case 0:

    switch(grade>=85){ //second switch case statement for compare the grade
        case 1: printf("%d=BA\n",grade); break;
        case 0:

    switch(grade>=80){ //third switch case statement for compare the grade      case
1: printf("%d=BB\n",grade); break;

        case 0:

    switch(grade>=75){ //fourth switch case statement for compare the grade
        case 1: printf("%d=CB\n",grade); break;
        case 0:

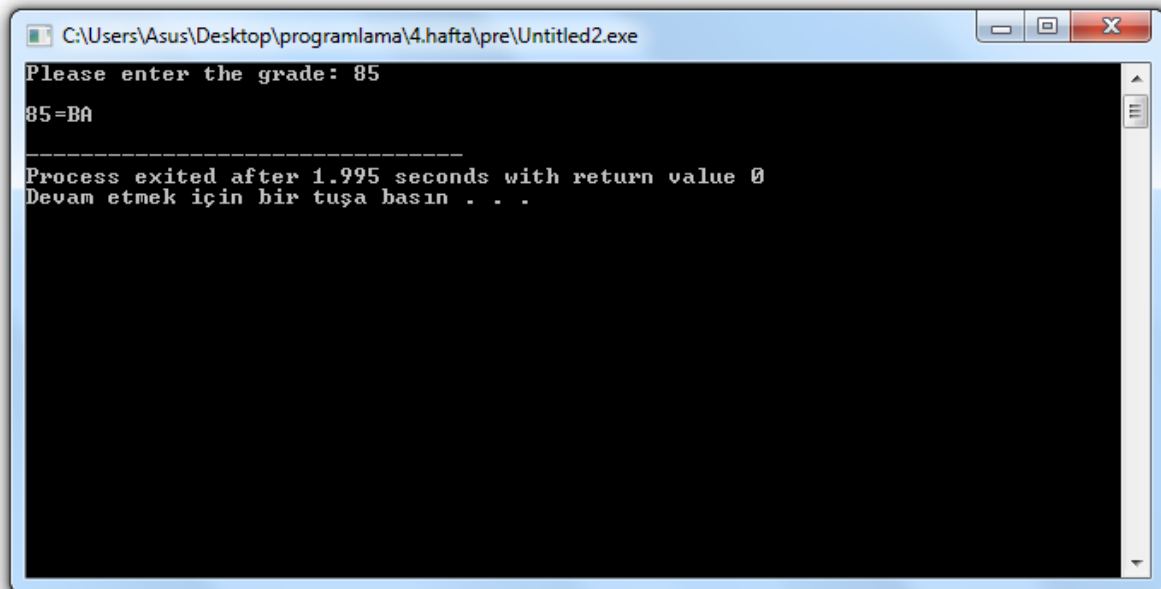
    switch(grade>=70){ //fifth switch case statement for compare the grade
        case 1: printf("%d=CC\n",grade); break;
        case 0:

    switch(grade>=65){ //sixth switch case statement for compare the grade
        case 1: printf("%d=DC\n",grade); break;
        case 0:
```

```

switch(grade<=60){ //seventh switch case statement for compare the grade
case 1: printf("%d=DD\n",grade); break;
case 0:
switch(grade<=55){ //eighth switch case statement for compare the grade
case 1: printf("%d=FD\n",grade); break; }
default: printf("%d=FF\n",grade); break; // default if these 7 statement is false, follow
out the condition
}
}
}
}
}
}
}
}
return 0;
}

```



```

C:\Users\Asus\Desktop\programlama\4.hafta\pre\Untitled2.exe
Please enter the grade: 85
85=BA
-----
Process exited after 1.995 seconds with return value 0
Devam etmek için bir tuşa basın . . .

```