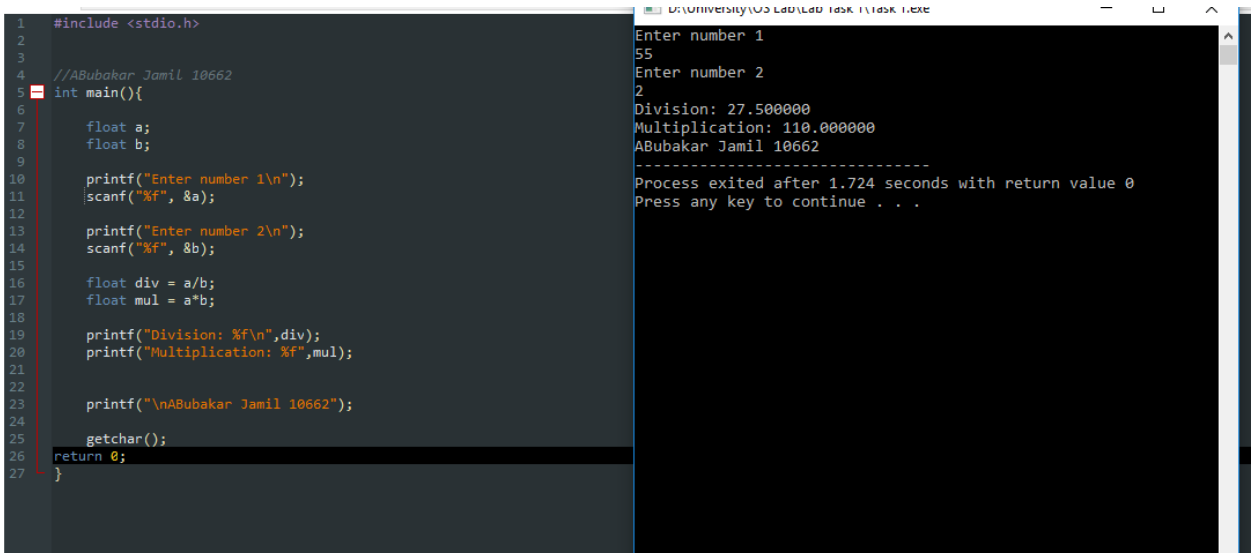
OS LAB Task 1

Abubakar Jamil

10662

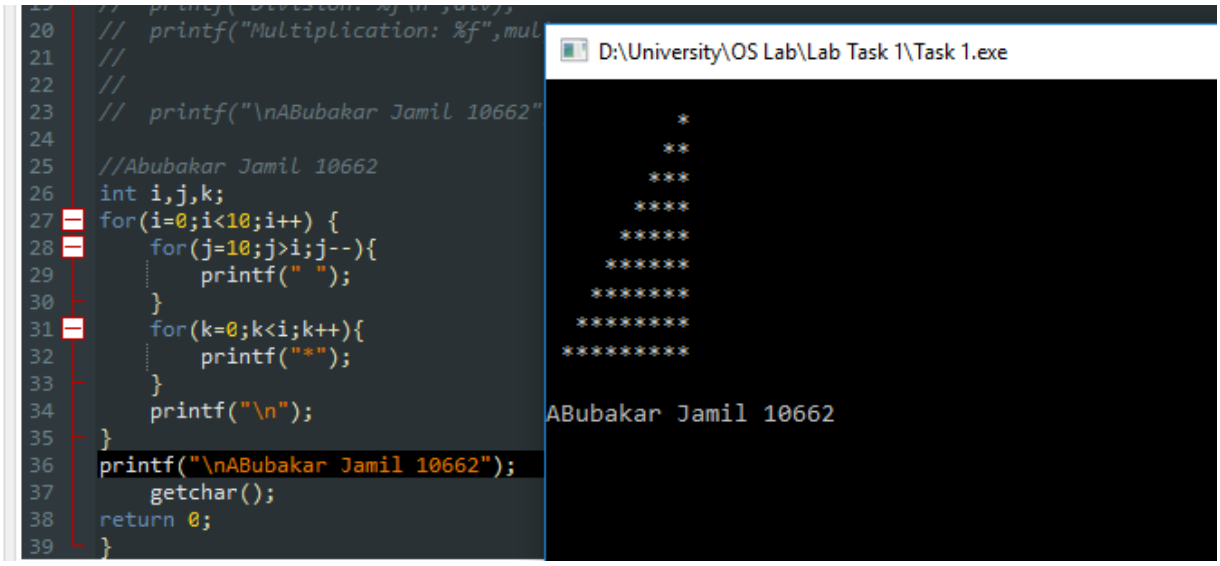
Task 1:



```c
#include <stdio.h>


//ABubakar Jamil 10662
int main(){

    float a;
    float b;

    printf("Enter number 1\n");
    scanf("%f", &a);

    printf("Enter number 2\n");
    scanf("%f", &b);

    float div = a/b;
    float mul = a*b;

    printf("Division: %f\n",div);
    printf("Multiplication: %f",mul);


    printf("\nABubakar Jamil 10662");

    getchar();
return 0;
}
```

```
Enter number 1
55
Enter number 2
2
Division: 27.500000
Multiplication: 110.000000
ABubakar Jamil 10662
--------------------------------
Process exited after 1.724 seconds with return value 0
Press any key to continue . . .
```

Task 2:



```c
//  printf("Multiplication: %f",mul
//
//
//  printf("\nABubakar Jamil 10662"

//Abubakar Jamil 10662
int i,j,k;
for(i=0;i<10;i++) {
    for(j=10;j>i;j--){
        printf(" ");
    }
    for(k=0;k<i;k++){
        printf("*");
    }
    printf("\n");
}
printf("\nABubakar Jamil 10662");
    getchar();
return 0;
}
```

```
D:\University\OS Lab\Lab Task 1\Task 1.exe

          *
         **
        ***
       ****
      *****
     ******
    *******
   ********
  *********
 **********

ABubakar Jamil 10662
```

Task 3:

```c
//Abubakar Jamil 10662
int a[2][2]={{155,2},{6,755}};
int b[2][2]={{26,272},{315,322}};
int result[0][0];

for(int i=0; i< 2; i++){
    for(int j=0; j< 2; j++){
        result[i][j] = a[i][j] * b[i][j];
    }
}
for(int i=0; i< 2; i++){
    for(int j=0; j< 2; j++){
        printf("%d ",result[i][j]);
        if(j==2){
            printf("\n");
        }
    }
}
printf("\nABubakar Jamil 10662");

    getchar();
return 0;
```

```
D:\University\OS Lab\Lab Task 1\Task 1.exe
1890 243110 1890 243110
ABubakar Jamil 10662
```