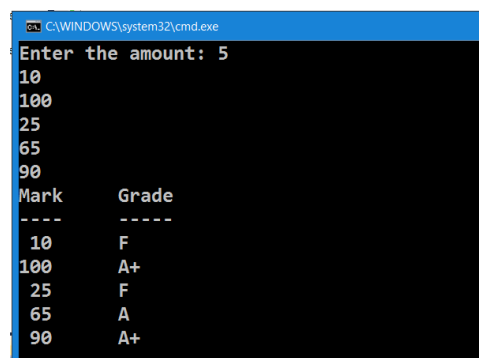


Laboratory Experiment 03

The following function is used to display the grade of an entered mark by the user. Analyze the code and perform each task mentioned below.

```
void display_grade (int mark) {  
    if( mark >= 0 && mark <=100 ){  
        if(mark < 45)  
            printf("Grade: F");  
        else if(mark < 55)  
            printf("Grade: C");  
        else if(mark < 65)  
            printf("Grade: B");  
        else if(mark < 85)  
            printf("Grade: A");  
        else if(mark <= 100)  
            printf("Grade: A+");  
    }  
    else  
        printf("Invalid Mark");  
  
    printf("\n");  
}
```

- Using the above function write a complete program to display the grade for a user entered mark.
- Modify your code to enter set of marks and to display set of grades with the respective grade as in figure 01.



```
C:\WINDOWS\system32\cmd.exe  
Enter the amount: 5  
10  
100  
25  
65  
90  
Mark      Grade  
----      -  
10        F  
100       A+  
25        F  
65        A  
90        A+
```

Figure 01

- Use a different function to obtain the average value of the entered marks and display the value.