

Lab Goal : This lab was designed to teach you more about if statements, if else statements, and if else if else statements. You will create a Grade class. You will instantiate a Grade object and pass the object a parameter that you want to check. The Grade object will provide the letter grade value of the numeric grade provided. Scanner is not required, but makes the lab much more interesting.

Lab Description : Take a number and calculate its letter grade.

A is ≥ 90

B is ≥ 80 and < 90

C is ≥ 75 and < 80

D is ≥ 70 and < 75

F is < 70

Files Needed ::

Grade.java

GradeCheck.java

Sample Data :

78
92
31
82
77
73
55
65

Sample Output :

Enter a number grade :: 78
78 is a C

Enter a number grade :: 92
92 is a A

Enter a number grade :: 31
31 is a F

Enter a number grade :: 82
82 is a B

Enter a number grade :: 77
77 is a C

Enter a number grade :: 73
73 is a D

Enter a number grade :: 55
55 is a F

Enter a number grade :: 65
65 is a F

```
//EXAMPLE IF ELSE IF
```

```
int x=90;  
int y=0;  
  
if(x>50){  
    y=1;  
}  
else if(x>40){  
    y=2;  
}  
else if(x>30){  
    y=3;  
}
```