

# Question : **Grade Check**

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Question Description: Create a program that checks if a student's grade is above 50 and prints "Pass", else it prints "Fail". The program should accept an integer 'grade' as input.

Boiler Plate Code:

```
public class Main

{

public static void checkGrade(int grade)

{

// your code here

}

public static void main(String[] args)

{

}

}
```

Sample Input: 55

Sample Output: Pass

# ANSWER

The screenshot shows the Eclipse IDE interface. The Project Explorer on the left lists various projects, including 'GradeCheck'. The main editor displays the source code for 'gradeCheck.java'. The code defines a package 'GradeCheck', imports 'java.util.Scanner', and defines a public class 'gradeCheck'. The 'main' method uses a 'Scanner' to read an integer 'marks' and calls the 'gcheck' method. The 'gcheck' method uses an 'if' statement to print 'Pass' if 'marks' is greater than 50, and 'Fail' otherwise. The Console on the right shows the output 'Pass'.

```
1 package GradeCheck;
2
3 import java.util.Scanner;
4
5 public class gradeCheck {
6
7     public static void main(String[] args) {
8         // TODO Auto-generated method stub
9         Scanner sc=new Scanner(System.in);
10        int marks=sc.nextInt();
11        gcheck(marks);
12    }
13
14    public static void gcheck(int marks) {
15        if(marks>50) {
16            System.out.println("Pass");
17        }else {
18            System.out.println("Fail");
19        }
20    }
21
22 }
23
24
```

Console Output:

```
<terminated> gradeCheck [Java Application] C:\Program Files\Java\jdk-17\bin\javaw.exe
58
Pass
```