***TASK 2:***

**Task: Create a Java program that calculates the grade based on marks entered by the user.**

***Program:***

import java.util.Scanner;

public class GradeCalculator {

public static void main(String[] args) {

Scanner scanner = new Scanner(System.in);

String continueInput = "yes";

while (continueInput.equalsIgnoreCase("yes")) {

System.out.print("Enter marks obtained (out of 100): ");

int marks = scanner.nextInt();

char grade = calculateGrade(marks);

System.out.println("Grade: " + grade);

System.out.print("Do you want to continue? (yes/no): ");

continueInput = scanner.next();

}

scanner.close();

System.out.println("Thank You!");

}

public static char calculateGrade(int marks) {

if (marks >= 90) {

return 'A';

} else if (marks >= 80) {

return 'B';

} else if (marks >= 70) {

return 'C';

} else if (marks >= 60) {

return 'D';

} else {

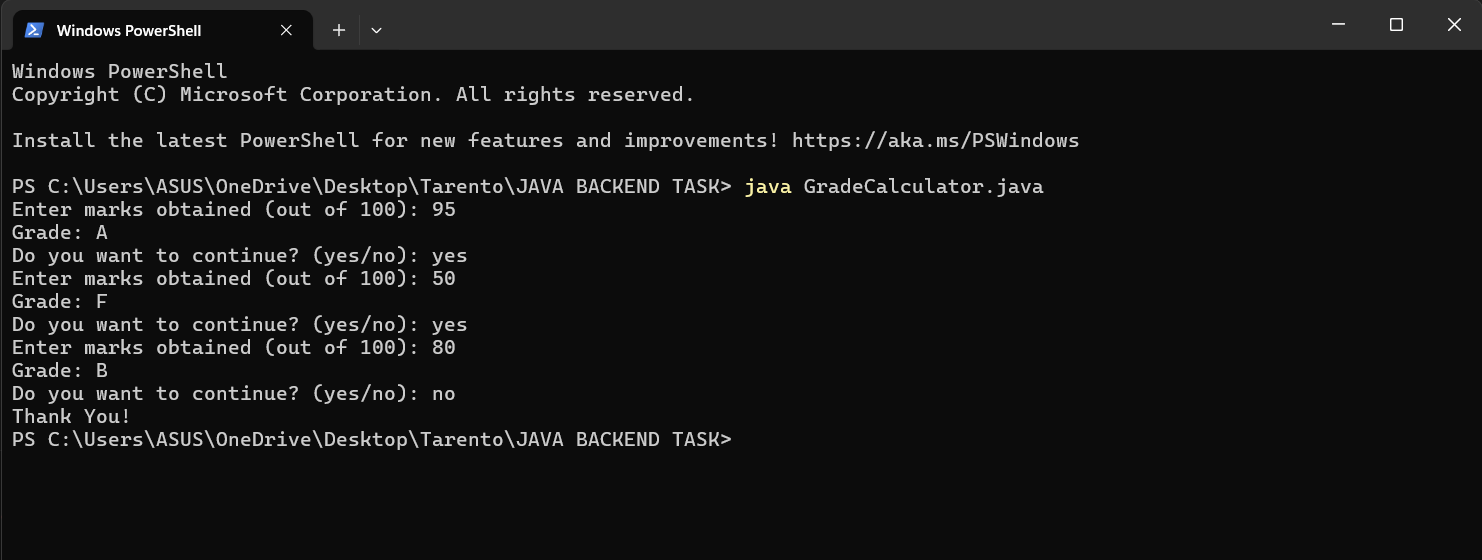
return 'F';

}

}

}

***Output:***

******