Encryptix Task 2

***Student Grade Calculator***

import java.util.Scanner;

public class STUDENTGRADECALCULATOR

{

public static void main(String[] args)

{

System.out.println("----------Check Student Grade Here!----------");

System.out.print("Enter the Number of Total Subjects you have : ");

Scanner scanner = new Scanner(System.in);

int Num\_of\_SUB = scanner.nextInt();

if (Num\_of\_SUB <= 0)

{

System.out.println("Invalid number of Subjects.");

return;

}

double TotalMarks = 0;

for (int i = 1; i <= Num\_of\_SUB; i++)

{

System.out.print("Enter the marks for subject "+i+" i.e (subject name) ");

Scanner sc = new Scanner(System.in);

String sub = sc.nextLine();

System.out.print("= ");

double marks = scanner.nextDouble();

while (marks < 0 || marks > 100)

{

System.out.println("Enter the marks between 0 and 100.");

System.out.print("Enter the marks for subject " + i + ": ");

marks = scanner.nextDouble();

}

TotalMarks += marks;

}

double AveragePercentage = TotalMarks / Num\_of\_SUB;

System.out.printf("The Average Percentage is = "+AveragePercentage+"\n");

if (AveragePercentage >= 95) {

System.out.println("Grade Assign : A+");

}

else if (AveragePercentage >= 90) {

System.out.println("Grade Assign : A");

}

else if (AveragePercentage >= 85) {

System.out.println("Grade Assign : B+");

}

else if (AveragePercentage >= 80) {

System.out.println("Grade Assign : B");

}

else if (AveragePercentage >= 70) {

System.out.println("Grade Assign : C");

}

else if (AveragePercentage >=35 && AveragePercentage <=69) {

System.out.println("Grade Assign : D");

}

else {

System.out.println("Grade Assign: Fail");

}

scanner.close();

}

}