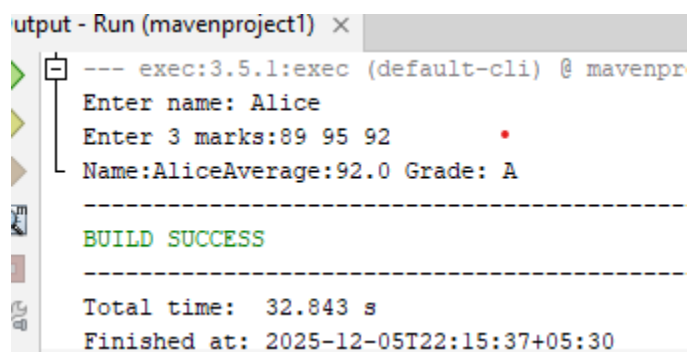CLASSES & OBJECTS

1.STUDENT DETAILS:

```java
import java.util.Scanner;
class Student {
String name;
int mark1, mark2, mark3;
void displayDetails() {
double average = (mark1 + mark2 + mark3) / 3.0;
char grade = average >= 90 ? 'A' : average >= 80 ? 'B' : average >= 70 ? 'C' : average >=
60 ? 'D' : 'F';
System.out.println("Name: " + name + " Average: "+ average + " Grade: " + grade);
}
}
public class StudentDetails {
public static void main(String[] args) {
Scanner scanner = new Scanner(System.in);
Student student = new Student();
System.out.print("Enter name: ");
student.name = scanner.nextLine();
System.out.print("Enter 3 marks: ");
student.mark1 = scanner.nextInt();
student.mark2 = scanner.nextInt();
student.mark3 = scanner.nextInt();
student.displayDetails();
scanner.close();
}
}
```

```
utput - Run (mavenproject1) ×

--- exec:3.5.1:exec (default-cli) @ mavenpr
Enter name: Alice
Enter 3 marks:89 95 92          .
Name:AliceAverage:92.0 Grade: A
------------------------------------------
BUILD SUCCESS
------------------------------------------
Total time:  32.843 s
Finished at: 2025-12-05T22:15:37+05:30
```