

Nama : Muhammad Hasbiy Ashshiddiqi

Nim : 244107060135

Kelas : 1G-SIB

MID EXAM

1.

```
1  import java.util.Scanner;
2  public class recruitmentdata {
    Run main | Debug main | Run | Debug
3      public static void main(String[] args) {
4          Scanner sc = new Scanner(System.in);
5          String Name;
6          byte number;
7          double academicGrades,EnglishtestScores,nasionalismTest,Score;
8
9          System.out.print(s:"input Name: ");
10         Name = sc.nextLine();
11         System.out.print(s:"enter the serial number: ");
12         number = sc.nextByte();
13         System.out.print(s:"input academic grades: ");
14         academicGrades = sc.nextDouble();
15         System.out.print(s:"input english test score: ");
16         EnglishtestScores = sc.nextDouble();
17         System.out.print(s:"input nasionalism test: ");
18         nasionalismTest = sc.nextDouble();
19
20         Score = (academicGrades + EnglishtestScores + nasionalismTest) / 3;
21
22         System.out.println("participant's name: " + Name + "serial number" + number);
23         System.out.println("test average" + Score );
24
25
26     }
27 }
```

```

PS C:\Users\ASUS\latihan> java recruitmentdata
input Name: Muhammad Hasbiy Ashshiddiqi
enter the serial number: 16
input academic grades: 80
input english test score: 70
input nasionalism test: 85
participant's name: Muhammad Hasbiy Ashshiddiqi serial number 16
test average 78.33333333333333
PS C:\Users\ASUS\latihan>

```

2.

```

1  import java.util.Scanner;
2  public class recruitmentdata {
    Run main | Debug main | Run | Debug
3      public static void main(String[] args) {
4          Scanner sc = new Scanner(System.in);
5          String Name;
6          byte number;
7          double academicGrades, EnglishTestScores, nasionalismTest, GPA, Score;
8          boolean physicalHealthCertificate, spiritualHealthCertificate;
9
10         System.out.print(s:"Input Name: ");
11         Name = sc.nextLine();
12         System.out.print(s:"Enter the serial number: ");
13         number = sc.nextByte();
14         System.out.print(s:"Input academic grades: ");
15         academicGrades = sc.nextDouble();
16         System.out.print(s:"Input English test scores: ");
17         EnglishTestScores = sc.nextDouble();
18         System.out.print(s:"Input nationalism test scores: ");
19         nasionalismTest = sc.nextDouble();
20         System.out.print(s:"Input GPA: ");
21         GPA = sc.nextDouble();
22         System.out.print(s:"Has physical health certificate? (true/false): ");
23         physicalHealthCertificate = sc.nextBoolean();
24         System.out.print(s:"Has spiritual health certificate? (true/false): ");
25         spiritualHealthCertificate = sc.nextBoolean();
26         Score = (academicGrades + EnglishTestScores + nasionalismTest) / 3;
27         if (Score >= 78 && academicGrades > 75 && EnglishTestScores > 75 && nasionalismTest > 75 && GPA >= 3.25
28             && physicalHealthCertificate && spiritualHealthCertificate) {
29             System.out.println("Participant's name: " + Name + ", Serial number: " + number);
30             System.out.println("Test average: " + Score);
31             System.out.println(x:"Status: PASSED");
32         } else {
33             System.out.println("Participant's name: " + Name + ", Serial number: " + number);
34             System.out.println("Test average: " + Score);
35             System.out.println(x:"Status: FAILED");
36         }
37     }
38 }

```

```
PS C:\Users\ASUS\latihan> java recruitmentdata
Input Name: Muhammad HASbiy Ashshiddiqi
Enter the serial number: 16
Input academic grades: 100
Input English test scores: 100
Input nationalism test scores: 100
Input GPA: 4
Has physical health certificate? (true/false): true
Has spiritual health certificate? (true/false): true
Participant's name: Muhammad HASbiy Ashshiddiqi, Serial number: 16
Test average: 100.0
Status: PASSED
PS C:\Users\ASUS\latihan> |
```

```
PS C:\Users\ASUS\latihan> java recruitmentdata
Input Name: Muhammad Hasbiy Ashshiddiqi
Enter the serial number: 16
Input academic grades: 80
Input English test scores: 79
Input nationalism test scores: 90
Input GPA: 3
Has physical health certificate? (true/false): true
Participant's name: Muhammad Hasbiy Ashshiddiqi, Serial number: 16
Test average: 83.0
Status: FAILED
```