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<https://github.com/muchnabil/daspro-jobsheet8>

Assignment Jobsheet 8

3. Assignment

Trial Time : 120 Minutes

1. Create a program to print a square view of numbers like the one below based on N input (N value is at least 3). Example N = 3, and N = 5

```

          5 5 5 5 5
          5      5
    3 3 3    5      5
    3  3    5      5
    3 3 3    5 5 5 5 5

```

2. In 2024, the Malang State Polytechnic will host the Porseni national event, there are several sports that are contested such as **badminton, table tennis, basketball, and volleyball**. Each sport sends **its 5 best athletes** from all polytechnics throughout Indonesia to participate in the 2-year activity. Create a program to enter and display **information on the names** of athletes in each sport of a number of Polytechnics that have registered.

Answer :

```

1  import java.util.Scanner;
2
3  public class AssignmentA14 {
4      Run | Debug
5      public static void main(String[] args) {
6          Scanner sc = new Scanner(System.in);
7
8          System.out.print(s:"Input N value (min 3) : ");
9          int N = sc.nextInt();
10
11          if (N < 3) {
12              System.out.print(s:"minimal N value must be 3");
13              return;
14          }
15
16          for (int i = 0; i < N; i++) {
17              System.out.print(N + " ");
18          }
19          System.out.println();
20
21          for (int i = 0; i < N - 2; i++) {
22              System.out.print(N + " ");
23              for (int j = 0; j < N - 2; j++) {
24                  System.out.print(s:" ");
25              }
26              System.out.println(N);
27          }
28
29          for (int i = 0; i < N; i++) {
30              System.out.print(N + " ");
31          }
32          System.out.println();
33          sc.close();
34      }
35  }
36

```

```
Input N value (min 3) : 3
3 3 3
3 3
3 3 3
```

```
Input N value (min 3) : 5
5 5 5 5
5 5
5 5
5 5
5 5 5 5
```

2.

```
3 public class AssignmentB14 {
4     public static void main(String[] args) {
5         Scanner sc = new Scanner(System.in);
6
7         while (true) {
8             System.out.print(s:"Enter name of Polytechnic (or type 'exit' to stop) : ");
9             String polytechnic = sc.nextLine();
10
11             if (polytechnic.equalsIgnoreCase(anotherString:"exit")) {
12                 break;
13             }
14
15             System.out.println("Name of Polytechnic : " + polytechnic);
16
17             System.out.println(x:"Sport Badminton");
18             for (int j = 1; j <= 5; j++) {
19                 System.out.print("Athlete " + j + ", name : ");
20                 String name = sc.nextLine();
21             }
22             System.out.println(x:"Sport Table Tennis");
23             for (int j = 1; j <= 5; j++) {
24                 System.out.print("Athlete " + j + ", name : ");
25                 String name = sc.nextLine();
26             }
27             System.out.println(x:"Sport Basketball");
28             for (int j = 1; j <= 5; j++) {
29                 System.out.print("Athlete " + j + ", name : ");
30                 String name = sc.nextLine();
31             }
32             System.out.println(x:"Sport Volleyball");
33             for (int j = 1; j <= 5; j++) {
34                 System.out.print("Athlete " + j + ", name : ");
35                 String name = sc.nextLine();
36             }
37             System.out.println();
38         }
39         sc.close();
}
```

Enter name of Polytechnic (or type 'exit' to stop) : Malang State Polytechnic

Name of Polytechnic : Malang State Polytechnic

Sport Badminton

Athlete 1, name : Budi

Athlete 2, name : Ani

Athlete 3, name : Hasbi

Athlete 4, name : Rafa

Athlete 5, name : Ganang

Sport Table Tennis

Athlete 1, name : Ahnaf

Athlete 2, name : Rafi

Athlete 3, name : Angga

Athlete 4, name : Andrian

Athlete 5, name : Kartiko

Sport Basketball

Athlete 1, name : Akmal

Athlete 2, name : Narendra

Athlete 3, name : Beni

Athlete 4, name : Abrari

Athlete 5, name : Sheva

Sport Volleyball

Athlete 1, name : Nabil

Athlete 2, name : Haykal

Athlete 3, name : Ahmad

Athlete 4, name : Ridho

Athlete 5, name : Rifqi

Enter name of Polytechnic (or type 'exit' to stop) : Polije

Name of Polytechnic : Polije

Sport Badminton

Athlete 1, name :