

```

1 package Lab3;
2 import java.util.Scanner;
3 public class MaxMinMean {
4     public static void main(String[] args){
5         int old,num,max=0,min=0;
6         double avg=0,sum=0.0;
7         Scanner sc = new Scanner(System.in);
8         System.out.print("Please enter number of people : ");
9         num = sc.nextInt();
10        System.out.print("Age of no 1 = ");
11        old = sc.nextInt();
12        max = old;
13        min = old;
14        sum = sum+old;
15        for (int i=2; i<=num; i++) {
16            System.out.print("Age of no "+i+" = ");
17            old = sc.nextInt();
18            sum = sum+old;
19            if (old>max) {
20                max=old;
21            }
22            else if (old<min) {
23                min=old;
24            }
25        }
26        avg = sum/num;
27        System.out.println("Maximum :"+max);
28        System.out.println("Minimum :"+min);
29        System.out.println("Summery :"+(int)sum);
30        System.out.println("Average :"+avg);
31    }
32 }
33

```

Please enter number of people : 3

Age of no 1 = 15

Age of no 2 = 14

Age of no 3 = 14

Maximum : 15

Minimum : 14

Summary : 45

Average : 15.0

Please enter number of people : 4

Age of no 1 = 15

Age of no 2 = 18

Age of no 3 = 14

Age of no 4 = 14

Maximum : 18

Minimum : 14

Summery : 59

Average : 14.75

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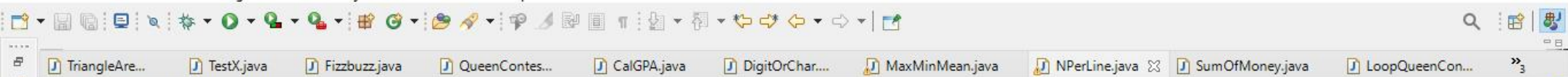
```
1 import java.util.Scanner;
2
3 public class NPerLine {
4
5     public static void main(String[] args) {
6         int n1, n2, col, i;
7         Scanner sc = new Scanner(System.in);
8         System.out.print("Enter n1 : ");
9         n1 = sc.nextInt();
10        System.out.print("Enter n2 : ");
11        n2 = sc.nextInt();
12        System.out.print("Enter col : ");
13        col = sc.nextInt();
14        int start = (n1), end = (n2);
15        for (i = start; i <= end; i++){
16            System.out.print(i+" ");
17            if (i % col == 4)
18                System.out.println();
19        }
20        System.out.println();
21    }
22 }
23
```

Console

<terminated> NPerLine [Java Application] D:\T2\eclipse\plugins\org.eclipse.justj.openjdk.hotspot.jre.full.win32.x86_64_15.0.1.v20201027-0507\jre\bin\javaw.exe (6 n.m. 2564 10:17:34 – 10:17:52)

```
Enter n1 : 5
Enter n2 : 16
Enter col : 5
5 6 7 8 9
10 11 12 13 14
15 16
```

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TriangleAre... TestX.java Fizzbuzz.java QueenContes... CalGPA.java DigitOrChar.... MaxMinMean.java NPerLine.java SumOfMoney.java LoopQueenCon...

```
1 import java.util.Scanner;
2
3 public class NPerLine {
4
5     public static void main(String[] args) {
6         int n1, n2, col, i;
7         Scanner sc = new Scanner(System.in);
8         System.out.print("Enter n1 : ");
9         n1 = sc.nextInt();
10        System.out.print("Enter n2 : ");
11        n2 = sc.nextInt();
12        System.out.print("Enter col : ");
13        col = sc.nextInt();
14        int start = (n1), end = (n2);
15        for (i = start ; i <= end; i++){
16            System.out.print(i+" ");
17            if (i %col == 4)
18                System.out.println();
19        }
20        System.out.println();
21    }
22 }
23
```

Console

<terminated> NPerLine [Java Application] D:\T2\eclipse\plugins\org.eclipse.justj.openjdk.hotspot.jre.full.win32.x86_64_15.0.1.v20201027-0507\jre\bin\javaw.exe (6 n.a. 2564 10:20:04 – 10:20:19)

```
Enter n1 : 5
Enter n2 : 25
Enter col : 10
6 7 8 9 10 11 12 13 14
15 16 17 18 19 20 21 22 23 24
25
```

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TriangleAre... TestX.java Fizzbuzz.java QueenContes... CalGPA.java DigitOrChar... MaxMinMean.java NPerLine.java SumOfMoney.java LoopQueenCon...

```
1 import java.util.Scanner;
2
3 public class SumOfMoney {
4
5     public static void main(String[] args) {
6         Scanner input = new Scanner(System.in);
7         int sum = 0;
8         double n = 1;
9         while (n > 0) {
10             System.out.print("Enter numbers : ");
11             n = input.nextDouble();
12             if (n > 0) {
13                 System.out.printf("%f nearest Integer %d", n, Math.round(n));
14                 System.out.println();
15                 sum += Math.round(n);
16             }
17         }
18         System.out.print("Summary : "+sum);
19     }
20 }
21
--
```

Console

<terminated> SumOfMoney [Java Application] D:\T2\eclipse\plugins\org.eclipse.justj.openjdk.hotspot.jre.full.win32.x86_64_15.0.1.v20201027-0507\jre\bin\javaw.exe (6 n.m. 2564 10:22:10 – 10:23:21)

```
Enter numbers : 3.1
3.100000 nearest Integer 3
Enter numbers : 4.5
4.500000 nearest Integer 5
Enter numbers : 3.8
3.800000 nearest Integer 4
Enter numbers : 1.2
1.200000 nearest Integer 1
Enter numbers : 0
Summary : 13
```

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TriangleAre... TestX.java Fizzbuzz.java QueenContes... CalGPA.java DigitOrChar... MaxMinMean.java NPerLine.java SumOfMoney.java LoopQueenCon...

```
1 import java.util.Scanner;
2
3 public class SumOfMoney {
4
5     public static void main(String[] args) {
6         Scanner input = new Scanner(System.in);
7         int sum = 0;
8         double n = 1;
9         while (n > 0) {
10             System.out.print("Enter numbers : ");
11             n = input.nextDouble();
12             if (n > 0) {
13                 System.out.printf("%f nearest Integer %d", n, Math.round(n));
14                 System.out.println();
15                 sum += Math.round(n);
16             }
17         }
18         System.out.print("Summary : "+sum);
19     }
20 }
21
```

Console

<terminated> SumOfMoney [Java Application] D:\T2\eclipse\plugins\org.eclipse.justj.openjdk.hotspot.jre.full.win32.x86_64_15.0.1.v20201027-0507\jre\bin\javaw.exe (6 n.m. 2564 10:25:17 – 10:25:43)

```
Enter numbers : 9.71
9.710000 nearest Integer 10
Enter numbers : 4.25555
4.255550 nearest Integer 4
Enter numbers : -5
Summary : 14
```

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MaxMinMean.java NPerLine.java SumOfMoney.java LoopQueenContest.java NumberGuess.java Multiplication.java

```
10
11 //input
12 //No.1
13 do{
14     System.out.print("No. "+i+" Enter height: ");
15     unit = sc.next().charAt(0);
16     if(unit=='f') {
17         feet = sc.nextDouble();
18         inch = sc.nextDouble();
19         cm1 = ((feet*12)+inch)*2.54;
20     }
21     else if(unit=='c'){
22         cm1 = sc.nextDouble();
23     }
24     if (cm1>tallest) {
25         tallest=cm1;
26         tallestnum=i;
27     }
28     System.out.println("No."+i+" is "+cm1+"cm.");
29     i++;
30     System.out.print("Do you want to continue [y/n] : ");
31     choice = sc.next().charAt(0);
32 }while(choice=='y');
33 System.out.println("No. "+tallestnum+" is tallest");
34 System.out.println("Bye Bye!!!");
```

Console

<terminated> LoopQueenContest [Java Application] C:\eclipse\plugins\org.eclipse.justj.openjdk.hotspot.jre.full.win32.x86_64_15.0.1.v20201027-0507\jre\bin\javaw.exe (30 M.u. 2564 18:00:23 - 18:00:38)

```
No. 1 Enter height: f 5 4
No.1 is 162.56cm.
Do you want to continue [y/n] : y
No. 2 Enter height: c 175
No.1 is 175.0cm.
Do you want to continue [y/n] : n
No. 2 is tallest
Bye Bye!!!
```


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MaxMinMean.java NPerLine.java SumOfMoney.java LoopQueenContest.java NumberGuess.java Multiplication.java

```
0  double feet, inch, cm1, tallestcm;  
9  Scanner sc = new Scanner(System.in);  
10  
11  //input  
12  //No.1  
13  do{  
14      System.out.print("No. "+i+" Enter height: ");  
15      unit = sc.next().charAt(0);  
16      if(unit=='f') {  
17          feet = sc.nextDouble();  
18          inch = sc.nextDouble();  
19          cm1 = ((feet*12)+inch)*2.54;  
20      }  
21      else if(unit=='c'){  
22          cm1 = sc.nextDouble();  
23      }  
24      if (cm1>tallest) {  
25          tallest=cm1;  
26          tallestnum=i;  
27      }  
28      System.out.println("No."+tallestnum+" is "+cm1+"cm.");  
29      i++;  
30      System.out.print("Do you want to continue [y/n] : ");  
31      choice = sc.next().charAt(0);  
32  }while(choice=='y');  
33  System.out.println("No. "+tallestnum+" is tallest");
```

Console

<terminated> LoopQueenContest [Java Application] C:\eclipse\plugins\org.eclipse.justj.openjdk.hotspot.jre.full.win32.x86_64_15.0.1.v20201027-0507\jre\bin\javaw.exe (30 M.u. 2564 18:03:09 - 18:03:19)

```
No. 1 Enter height: c 175  
No.1 is 175.0cm.  
Do you want to continue [y/n] : y  
No. 2 Enter height: f 5 4  
No.1 is 162.56cm.  
Do you want to continue [y/n] : n  
No. 1 is tallest  
Bye Bye!!!
```

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MaxMinMean.java NPerLine.java SumOfMoney.java LoopQueenContest.java NumberGuess.java Multiplication.java

```
1 package Lab3;
2 import java.util.Scanner;
3 public class NumberGuess {
4     public static void main(String[] args) {
5         int secretNumber = (int)(Math.random()*100);
6         int num, trials=0;
7         Scanner sc = new Scanner(System.in);
8         System.out.print("Key in your guess number : ");
9         do {
10             trials++;
11             num=sc.nextInt();
12             if(num>0 && num<=99) {
13                 if(num==secretNumber) {
14                     System.out.print("Congratulation!" + num + "is secret number");
15                     System.out.print(" You got in " + trials + " trials");
16                 }
17                 else if(num>secretNumber){
18                     System.out.print("Try lower : ");
19                 }
20                 else if(num<secretNumber){
21                     System.out.print("Try higher : ");
22                 }
23             }
24         } else {
25             System.out.print("Please enter a number between 0-99!!!");
```

Console

<terminated> NumberGuess [Java Application] C:\eclipse\plugins\org.eclipse.justj.openjdk.hotspot.jre.full.win32.x86_64_15.0.1.v20201027-0507\jre\bin\javaw.exe (30 D.U. 2564 18:04:40 - 18:04:57)

Key in your guess number : 50

Try higher : 60

Try higher : 70

Try higher : 80

Try higher : 90

Try higher : 95

Try higher : 96

Congratulation!96is secret number You got in 7 trials

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TriangleAre... TestX.java Fizzbuzz.java QueenContes... CalGPA.java MaxMinMean.java NPerLine.java SumOfMoney.java NumberGuess.... Multiplicati... »

```
1 import java.util.Scanner;
2
3 public class Multiplication {
4
5     public static void main(String[] args) {
6         Scanner sc = new Scanner(System.in);
7         int n ;
8         char process = 'm' ;
9         while (process == 'm') {
10            System.out.print("Number [2 to 12] : ");
11            n = sc.nextInt();
12            while (n >12 || n < 2) {
13                System.out.println("Invalid data, please try again");
14                System.out.print("Number [2 to 12] : ");
15                n = sc.nextInt();
16            }
17            for(int i = 1;i<=12;i++) {
18                System.out.printf("%d x %d = %d" ,n ,i ,n);
19                System.out.println();
20            }
21            System.out.printf("Do you want to continue [y/n] :");
22            process = sc.next().charAt(0);
23        }
24        System.out.print("Byr Bue???");
25    }
26 }
27
28
```

Console »

Multiplication [Java Application] D:\T2\eclipse\plugins\org.eclipse.justj.openjdk.hotspot.jre.full.win32.x86_64_15.0.1.v20201027-0507\jre\bin\javaw.exe (6 n.a. 2564 10:35:05)

Number [2 to 12] : |

Number [2 to 12] : 20

Invalid data, please try again.Number [2 to 12] : 12

12 x 1 = 12

12 x 2 = 24

12 x 3 = 36

12 x 4 = 48

12 x 5 = 60

12 x 6 = 72

12 x 7 = 84

12 x 8 = 96

12 x 9 = 108

12 x 10 = 120

12 x 11 = 132

12 x 12 = 144

Do you want to continue [y/n]:y

Number [2 to 12] : 2

2 x 1 = 2

2 x 2 = 4

2 x 3 = 6

2 x 4 = 8

2 x 5 = 10

2 x 6 = 12

2 x 7 = 14

2 x 8 = 16

2 x 9 = 18

2 x 10 = 20

2 x 11 = 22

2 x 12 = 24

Do you want to continue [y/n]:n

Bye Bye!!