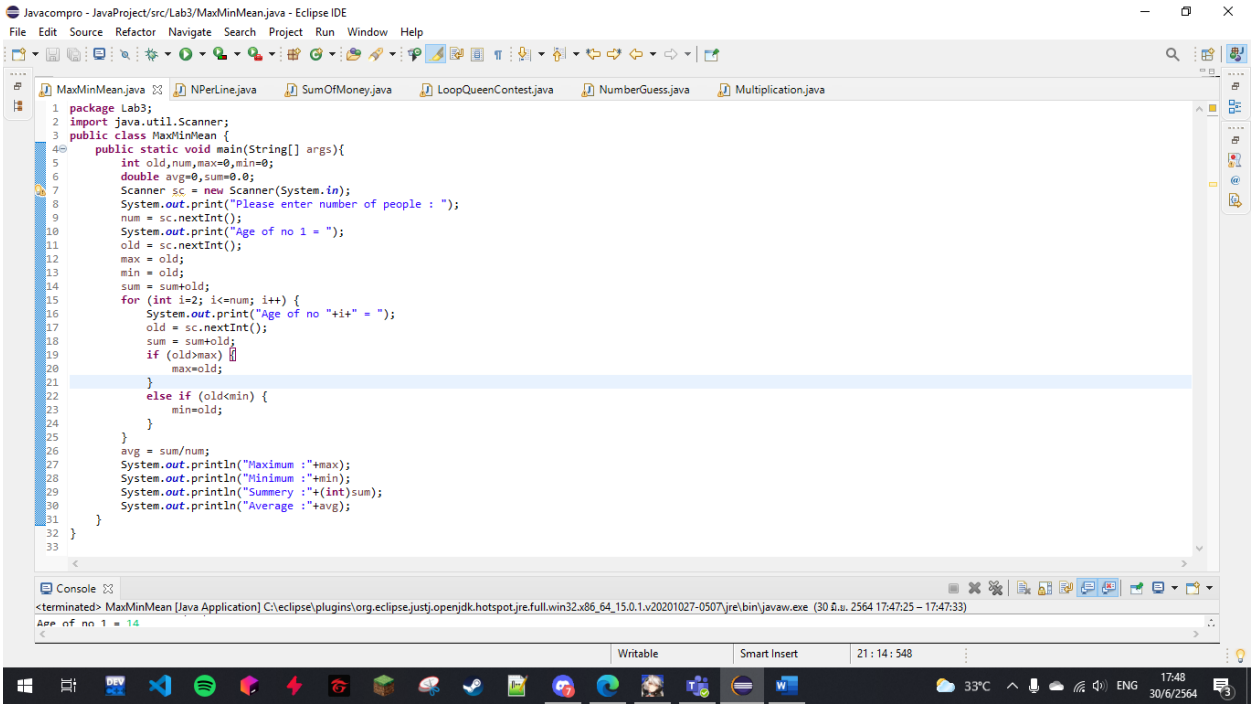
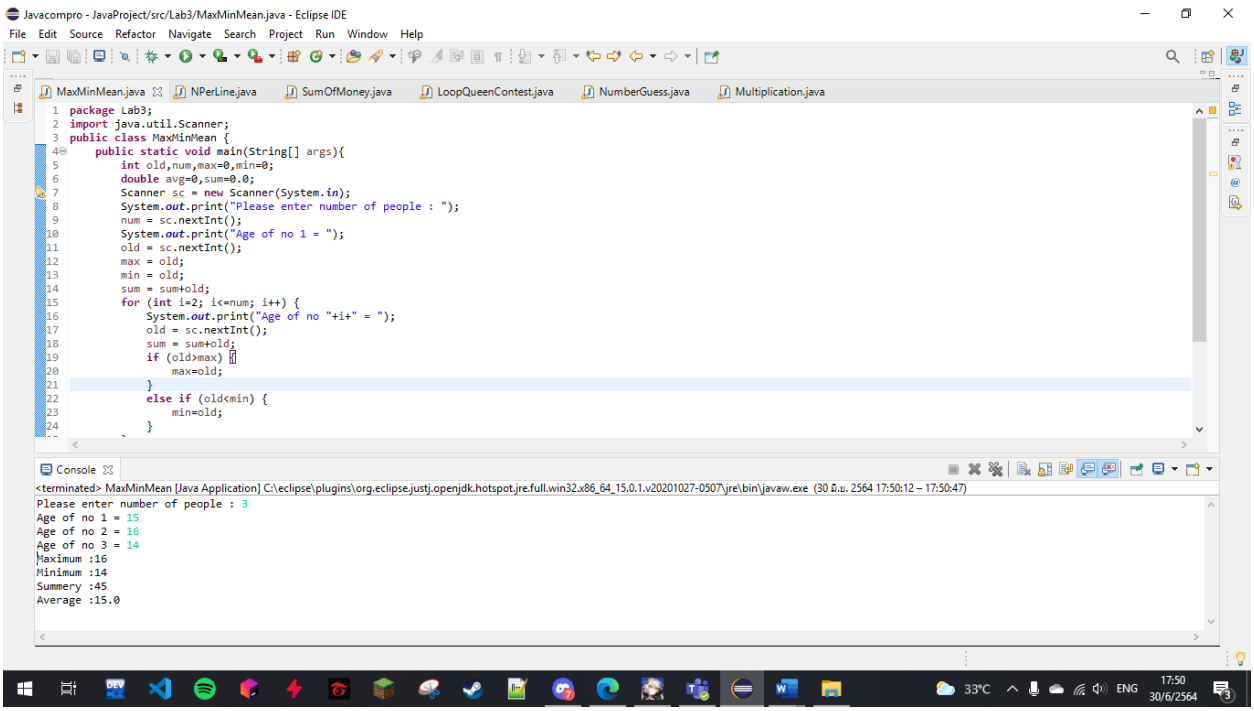
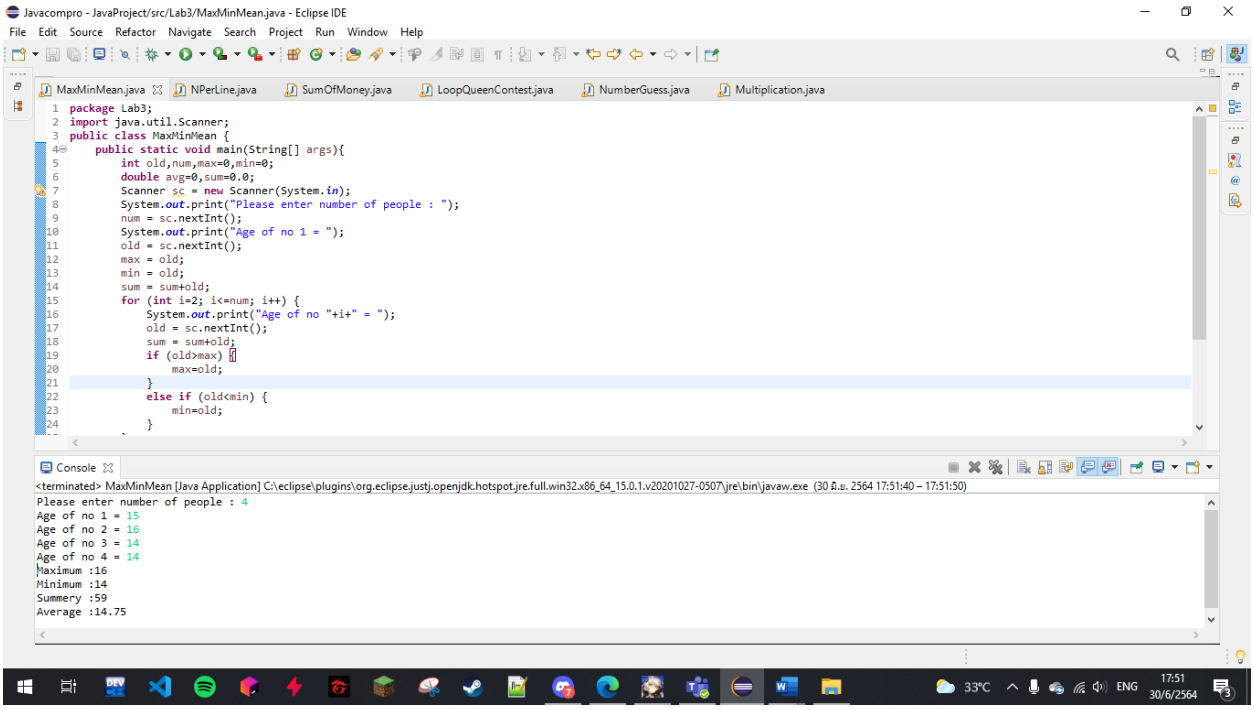
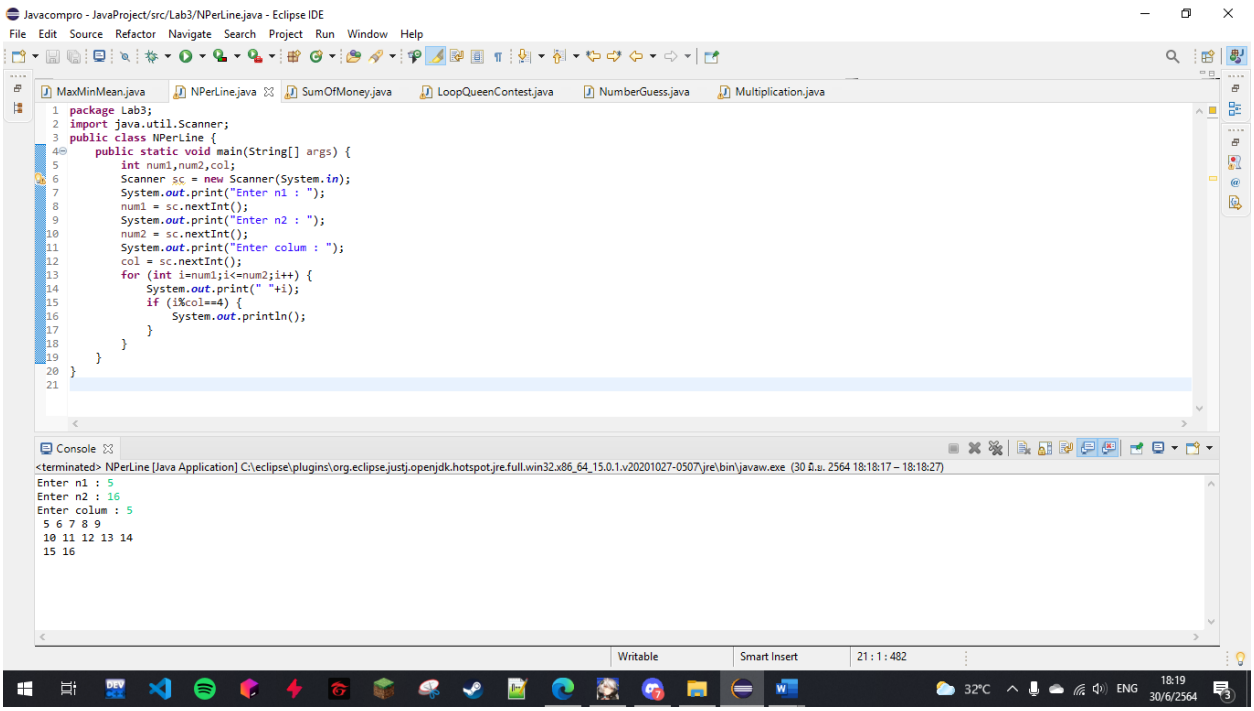
1.

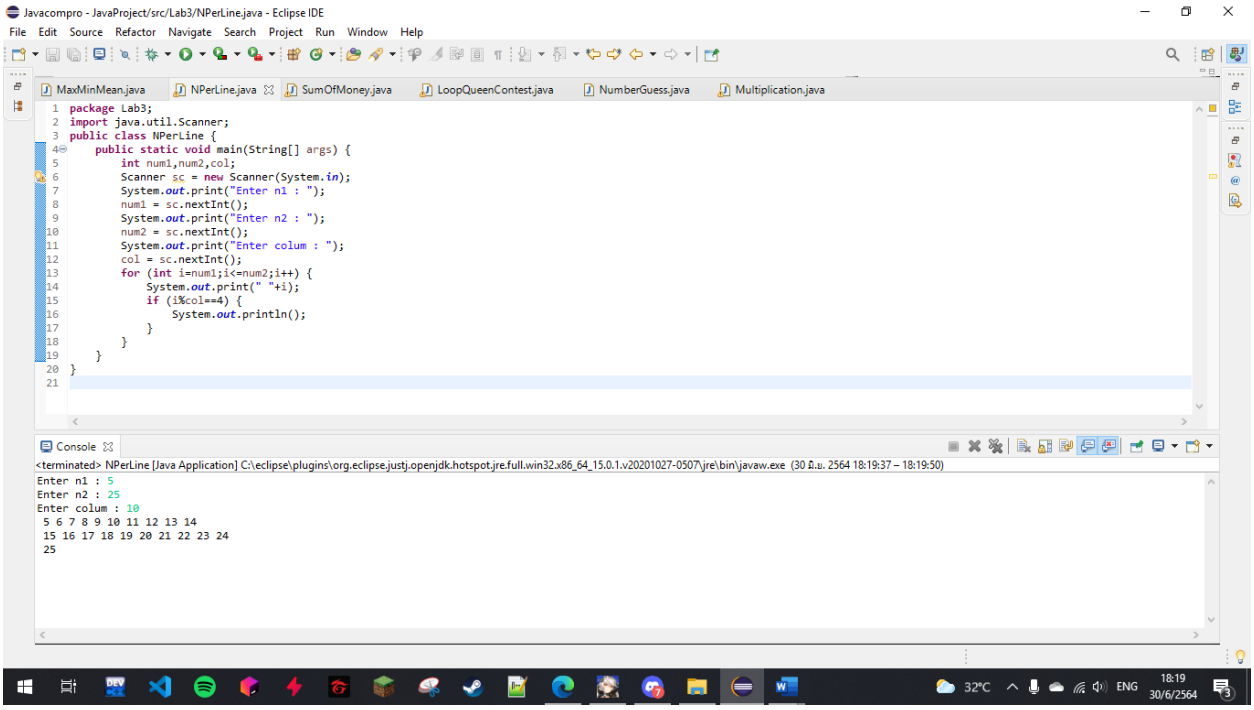

Javacompro - JavaProject/src/Lab3/MaxMinMean.java - Eclipse IDE
File Edit Source Refactor Navigate Search Project Run Window Help
MaxMinMean.java NPerLine.java SumOfMoney.java LoopQueenContest.java NumberGuess.java Multiplication.java
package Lab3;
import java.util.Scanner;
public class MaxMinMean {
public static void main(String[] args){
int old,num,max=0,min=0;
double avg=0,sum=0.0;
Scanner sc = new Scanner(System.in);
System.out.print("Please enter number of people : ");
num = sc.nextInt();
System.out.print("Age of no 1 = ");
old = sc.nextInt();
max = old;
min = old;
sum = sum+old;
for (int i=2; i<=num; i++) {
System.out.print("Age of no "+i+" = ");
old = sc.nextInt();
sum = sum+old;
if (old>max) {
max=old;
}
else if (old<min) {
min=old;
}
}
avg = sum/num;
System.out.println("Maximum :"+max);
System.out.println("Minimum :"+min);
System.out.println("Summery :"+(int)sum);
System.out.println("Average :"+avg);
}
}
Console
<terminated> MaxMinMean [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 มิ.ย. 2564 17:47:25 – 17:47:33)
Writable
Smart Insert
21 : 14 : 548
33°C
ENG
17:48
30/6/2564


Javacompro - JavaProject/src/Lab3/MaxMinMean.java - Eclipse IDE
File Edit Source Refactor Navigate Search Project Run Window Help
MaxMinMean.java NPerLine.java SumOfMoney.java LoopQueenContest.java NumberGuess.java Multiplication.java
package Lab3;
import java.util.Scanner;
public class MaxMinMean {
public static void main(String[] args){
int old,num,max=0,min=0;
double avg=0,sum=0.0;
Scanner sc = new Scanner(System.in);
System.out.print("Please enter number of people : ");
num = sc.nextInt();
System.out.print("Age of no 1 = ");
old = sc.nextInt();
max = old;
min = old;
sum = sum+old;
for (int i=2; i<=num; i++) {
System.out.print("Age of no "+i+" = ");
old = sc.nextInt();
sum = sum+old;
if (old>max) {
max=old;
}
else if (old<min) {
min=old;
}
Console
<terminated> MaxMinMean [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 มิ.ย. 2564 17:50:12 – 17:50:47)
Please enter number of people : 3
Age of no 1 = 15
Age of no 2 = 16
Age of no 3 = 14
Maximum :16
Minimum :14
Summery :45
Average :15.0
33°C
ENG
17:50
30/6/2564

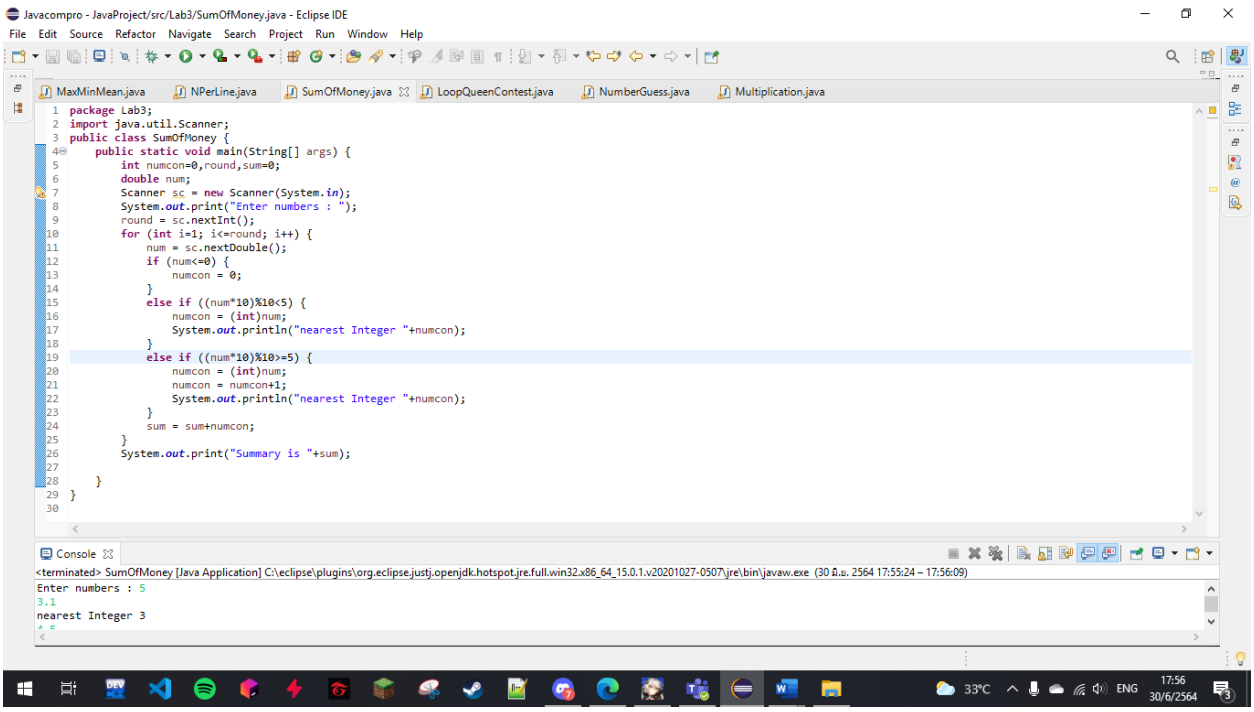

Javacompro - JavaProject/src/Lab3/MaxMinMean.java - Eclipse IDE
File Edit Source Refactor Navigate Search Project Run Window Help
MaxMinMean.java NPerLine.java SumOfMoney.java LoopQueenContest.java NumberGuess.java Multiplication.java
1 package Lab3;
2 import java.util.Scanner;
3 public class MaxMinMean {
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 }
Console
<terminated> MaxMinMean [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 มิ.ย. 2564 17:51:40 – 17:51:50)
Please enter number of people : 4
Age of no 1 = 15
Age of no 2 = 16
Age of no 3 = 14
Age of no 4 = 14
Maximum :16
Minimum :14
Summery :59
Average :14.75
33°C ENG 17:51 30/6/2564

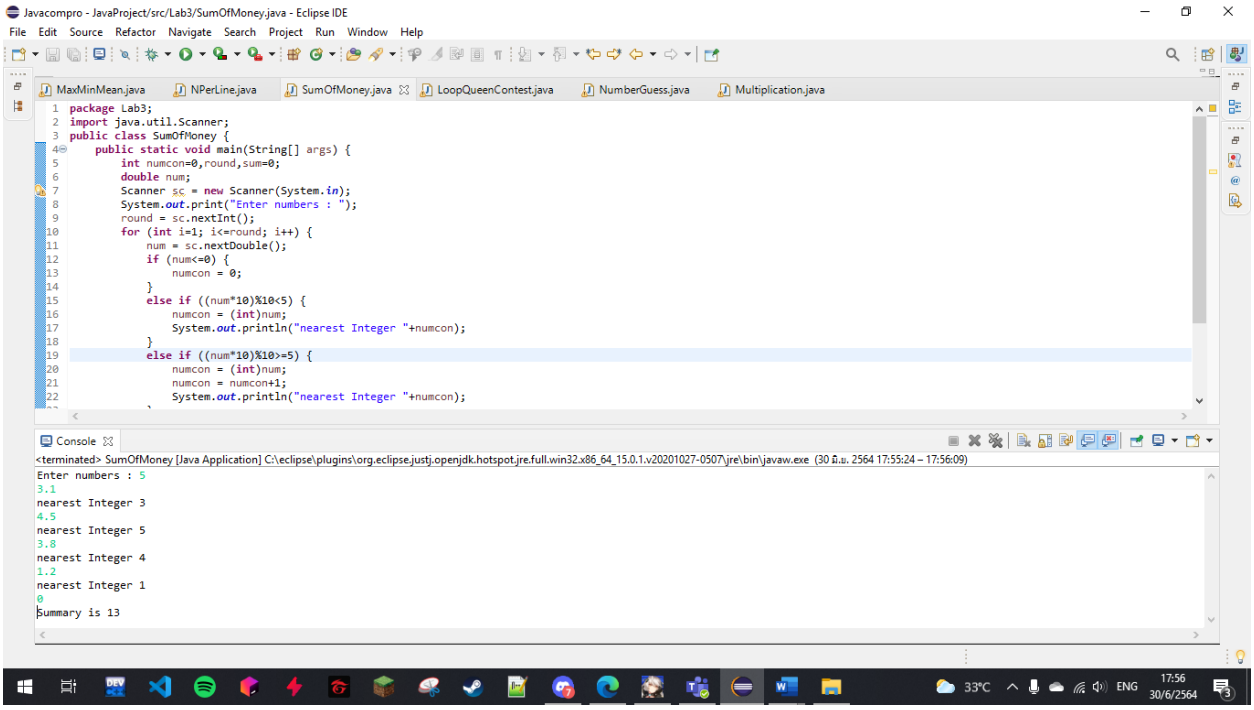
2.

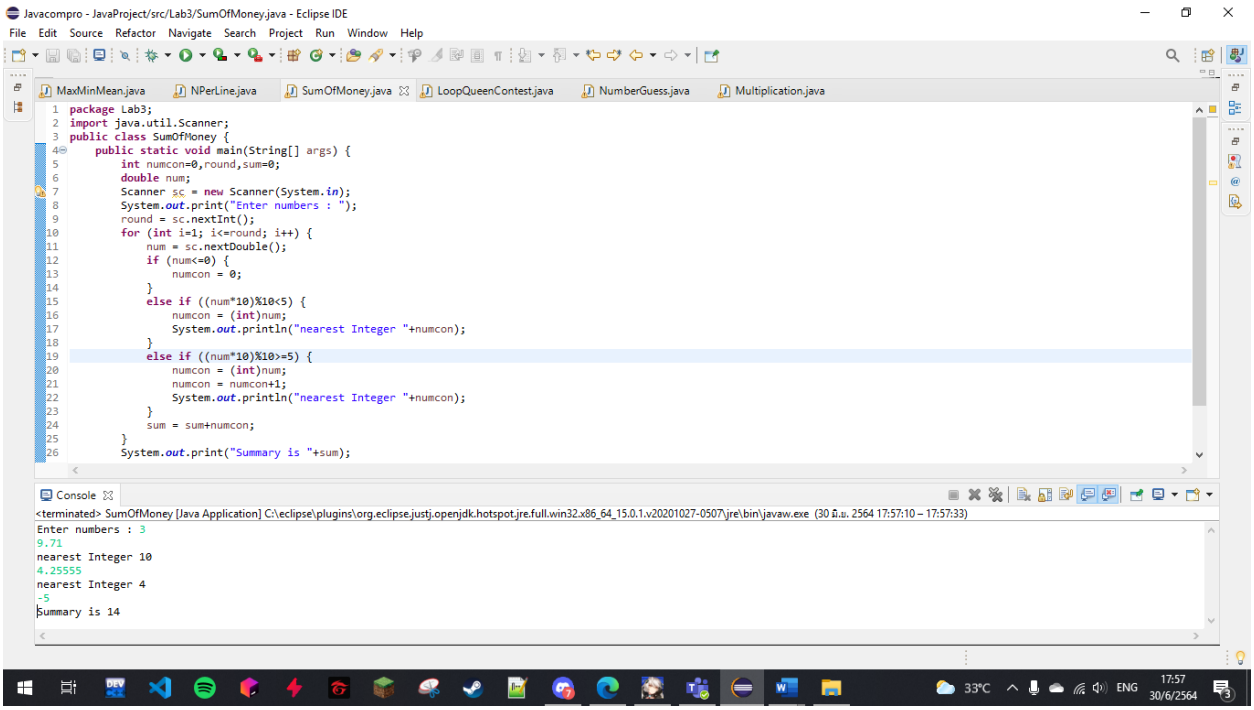

Javacompro - JavaProject/src/Lab3/NPerLine.java - Eclipse IDE
File Edit Source Refactor Navigate Search Project Run Window Help
MaxMinMean.java NPerLine.java SumOfMoney.java LoopQueenContest.java NumberGuess.java Multiplication.java
1 package Lab3;
2 import java.util.Scanner;
3 public class NPerLine {
4 public static void main(String[] args) {
5 int num1,num2,col;
6 Scanner sc = new Scanner(System.in);
7 System.out.print("Enter n1 : ");
8 num1 = sc.nextInt();
9 System.out.print("Enter n2 : ");
10 num2 = sc.nextInt();
11 System.out.print("Enter colum : ");
12 col = sc.nextInt();
13 for (int i=num1;i<=num2;i++) {
14 System.out.print(" "+i);
15 if (i%col==4) {
16 System.out.println();
17 }
18 }
19 }
20 }
21
Console
<terminated> NPerLine [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 มิ.ย. 2564 18:18:17 – 18:18:27)
Enter n1 : 5
Enter n2 : 16
Enter colum : 5
5 6 7 8 9
10 11 12 13 14
15 16
Writable Smart Insert 21 : 1 : 482
32°C ENG 18:19 30/6/2564


Javacompro - JavaProject/src/Lab3/NPerLine.java - Eclipse IDE
File Edit Source Refactor Navigate Search Project Run Window Help
MaxMinMean.java NPerLine.java SumOfMoney.java LoopQueenContest.java NumberGuess.java Multiplication.java
1 package Lab3;
2 import java.util.Scanner;
3 public class NPerLine {
4 public static void main(String[] args) {
5 int num1,num2,col;
6 Scanner sc = new Scanner(System.in);
7 System.out.print("Enter n1 : ");
8 num1 = sc.nextInt();
9 System.out.print("Enter n2 : ");
10 num2 = sc.nextInt();
11 System.out.print("Enter colum : ");
12 col = sc.nextInt();
13 for (int i=num1;i<=num2;i++) {
14 System.out.print(" "+i);
15 if (i%col==4) {
16 System.out.println();
17 }
18 }
19 }
20 }
21
Console
<terminated> NPerLine [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 มิ.ย. 2564 18:19:37 – 18:19:50)
Enter n1 : 5
Enter n2 : 25
Enter colum : 10
5 6 7 8 9 10 11 12 13 14
15 16 17 18 19 20 21 22 23 24
25
32°C ENG 18:19 30/6/2564

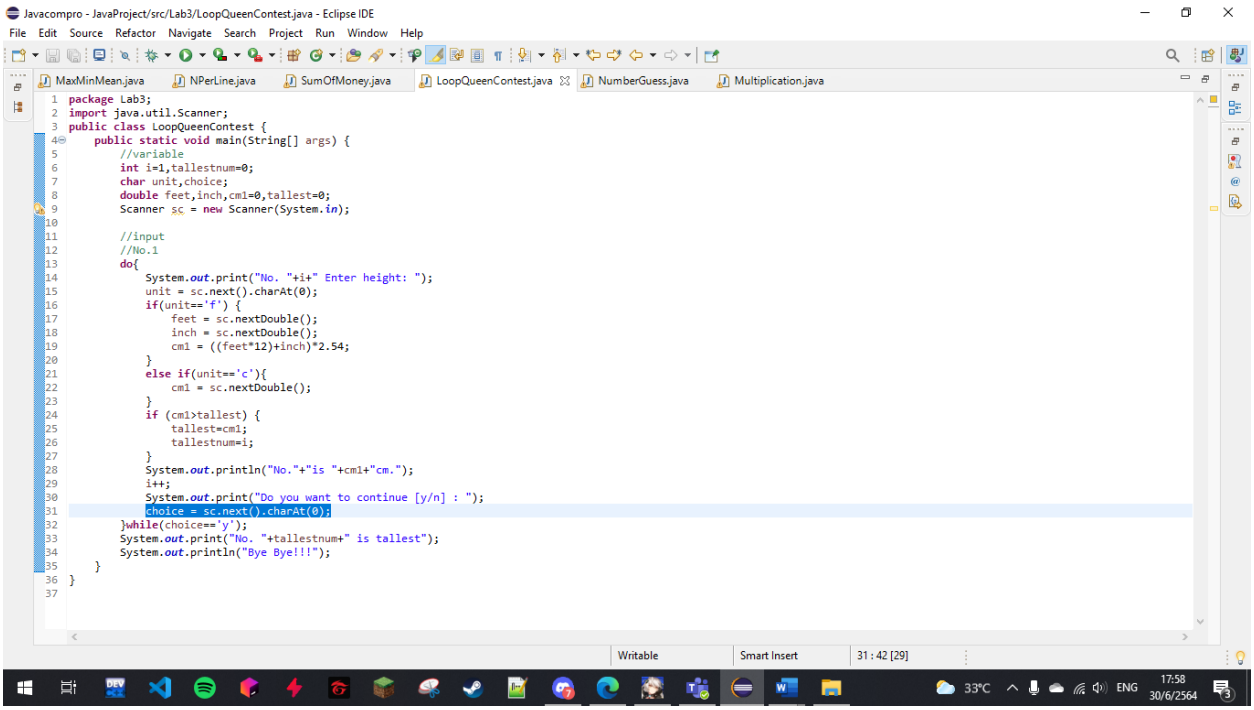
3.

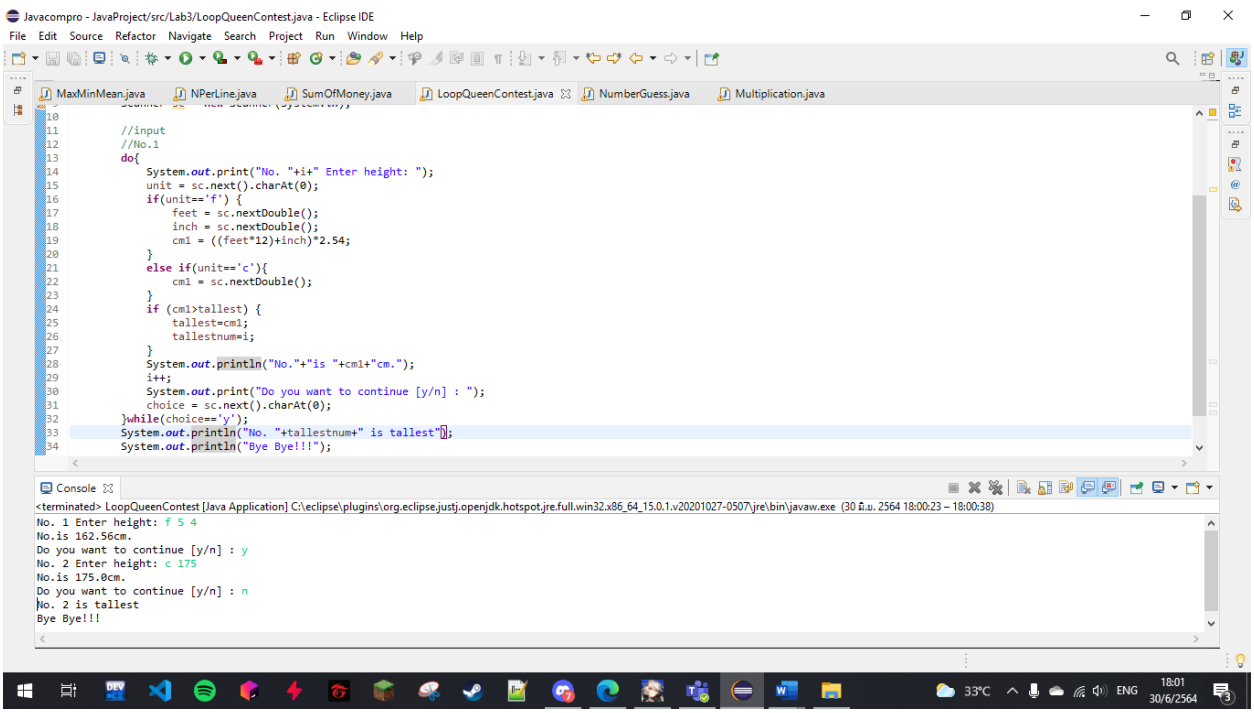

Javacompro - JavaProject/src/Lab3/SumOfMoney.java - Eclipse IDE
File Edit Source Refactor Navigate Search Project Run Window Help
MaxMinMean.java NPerLine.java SumOfMoney.java LoopQueenContest.java NumberGuess.java Multiplication.java
1 package Lab3;
2 import java.util.Scanner;
3 public class SumOfMoney {
4 public static void main(String[] args) {
5 int numcon=0,round,sum=0;
6 double num;
7 Scanner sc = new Scanner(System.in);
8 System.out.print("Enter numbers : ");
9 round = sc.nextInt();
10 for (int i=1; i<=round; i++) {
11 num = sc.nextDouble();
12 if (num<=0) {
13 numcon = 0;
14 }
15 else if ((num*10)%10<5) {
16 numcon = (int)num;
17 System.out.println("nearest Integer "+numcon);
18 }
19 else if ((num*10)%10>=5) {
20 numcon = (int)num;
21 numcon = numcon+1;
22 System.out.println("nearest Integer "+numcon);
23 }
24 sum = sum+numcon;
25 }
26 System.out.print("Summary is "+sum);
27
28 }
29 }
30
Console
<terminated> SumOfMoney [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 มิ.ย. 2564 17:55:24 – 17:56:09)
Enter numbers : 5
3.1
nearest Integer 3
33°C ENG 17:56 30/6/2564

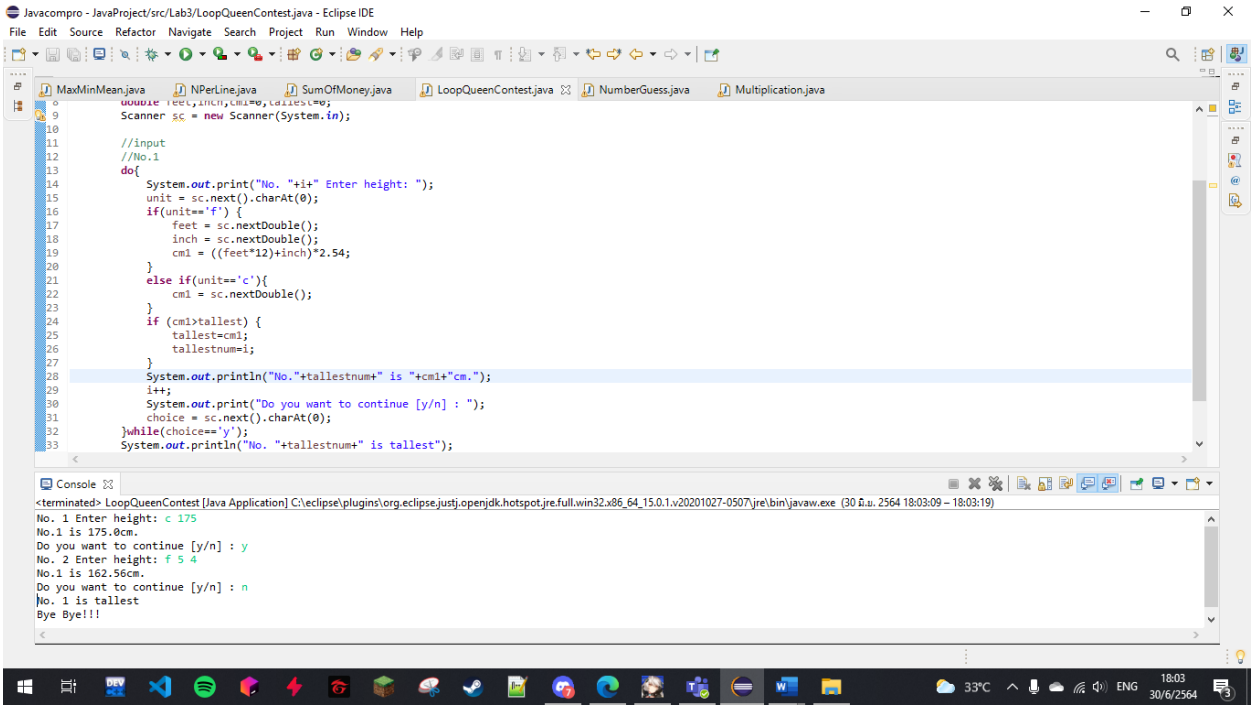

Javacompro - JavaProject/src/Lab3/SumOfMoney.java - Eclipse IDE
File Edit Source Refactor Navigate Search Project Run Window Help
MaxMinMean.java NPerLine.java SumOfMoney.java LoopQueenContest.java NumberGuess.java Multiplication.java
1 package Lab3;
2 import java.util.Scanner;
3 public class SumOfMoney {
4 public static void main(String[] args) {
5 int numcon=0,round,sum=0;
6 double num;
7 Scanner sc = new Scanner(System.in);
8 System.out.print("Enter numbers : ");
9 round = sc.nextInt();
10 for (int i=1; i<=round; i++) {
11 num = sc.nextDouble();
12 if (num<=0) {
13 numcon = 0;
14 }
15 else if ((num*10)%10<5) {
16 numcon = (int)num;
17 System.out.println("nearest Integer "+numcon);
18 }
19 else if ((num*10)%10>=5) {
20 numcon = (int)num;
21 numcon = numcon+1;
22 System.out.println("nearest Integer "+numcon);
Console
<terminated> SumOfMoney [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 มิ.ย. 2564 17:55:24 – 17:56:09)
Enter numbers : 5
3.1
nearest Integer 3
4.5
nearest Integer 5
3.8
nearest Integer 4
1.2
nearest Integer 1
0
Summary is 13
33°C ENG 17:56 30/6/2564


Javacompro - JavaProject/src/Lab3/SumOfMoney.java - Eclipse IDE
File Edit Source Refactor Navigate Search Project Run Window Help
MaxMinMean.java NPerLine.java SumOfMoney.java LoopQueenContest.java NumberGuess.java Multiplication.java
1 package Lab3;
2 import java.util.Scanner;
3 public class SumOfMoney {
4 public static void main(String[] args) {
5 int numcon=0,round,sum=0;
6 double num;
7 Scanner sc = new Scanner(System.in);
8 System.out.print("Enter numbers : ");
9 round = sc.nextInt();
10 for (int i=1; i<=round; i++) {
11 num = sc.nextDouble();
12 if (num<=0) {
13 numcon = 0;
14 }
15 else if ((num*10)%10<5) {
16 numcon = (int)num;
17 System.out.println("nearest Integer "+numcon);
18 }
19 else if ((num*10)%10>=5) {
20 numcon = (int)num;
21 numcon = numcon+1;
22 System.out.println("nearest Integer "+numcon);
23 }
24 sum = sum+numcon;
25 }
26 System.out.print("Summary is "+sum);
Console
<terminated> SumOfMoney [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 มิ.ย. 2564 17:57:10 – 17:57:33)
Enter numbers : 3
9.71
nearest Integer 10
4.25555
nearest Integer 4
-5
Summary is 14
33°C ENG 17:57 30/6/2564

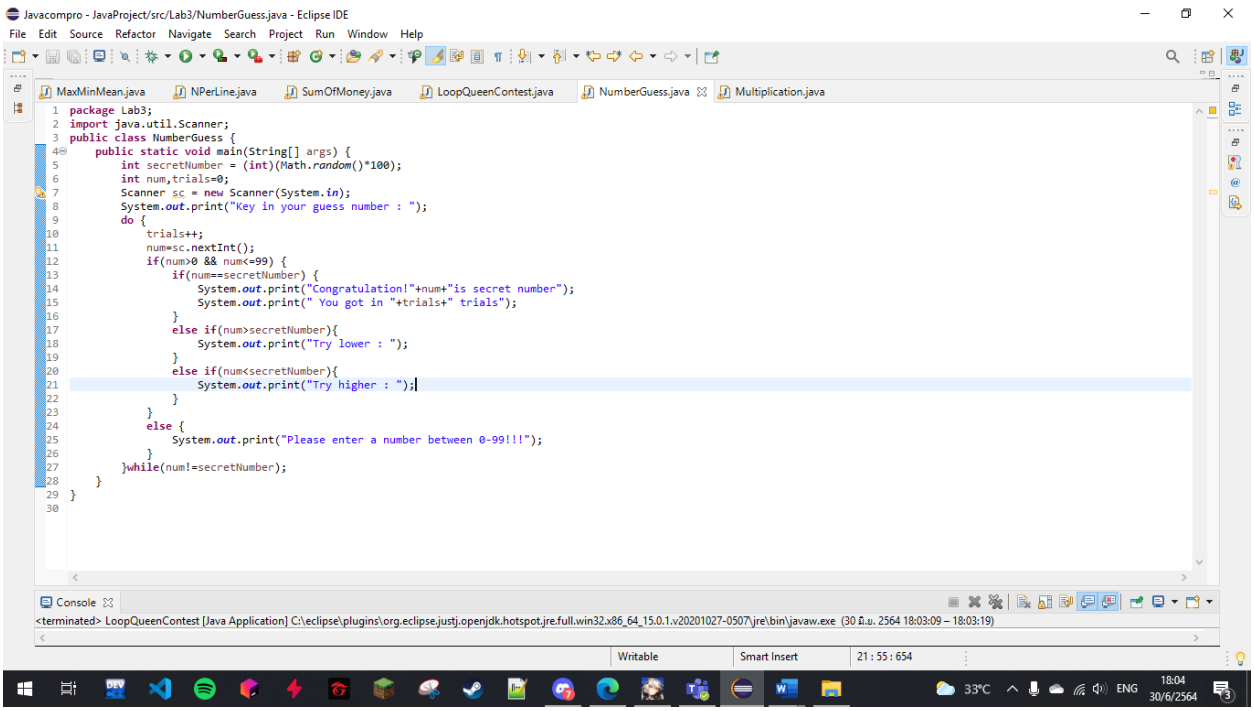
4.

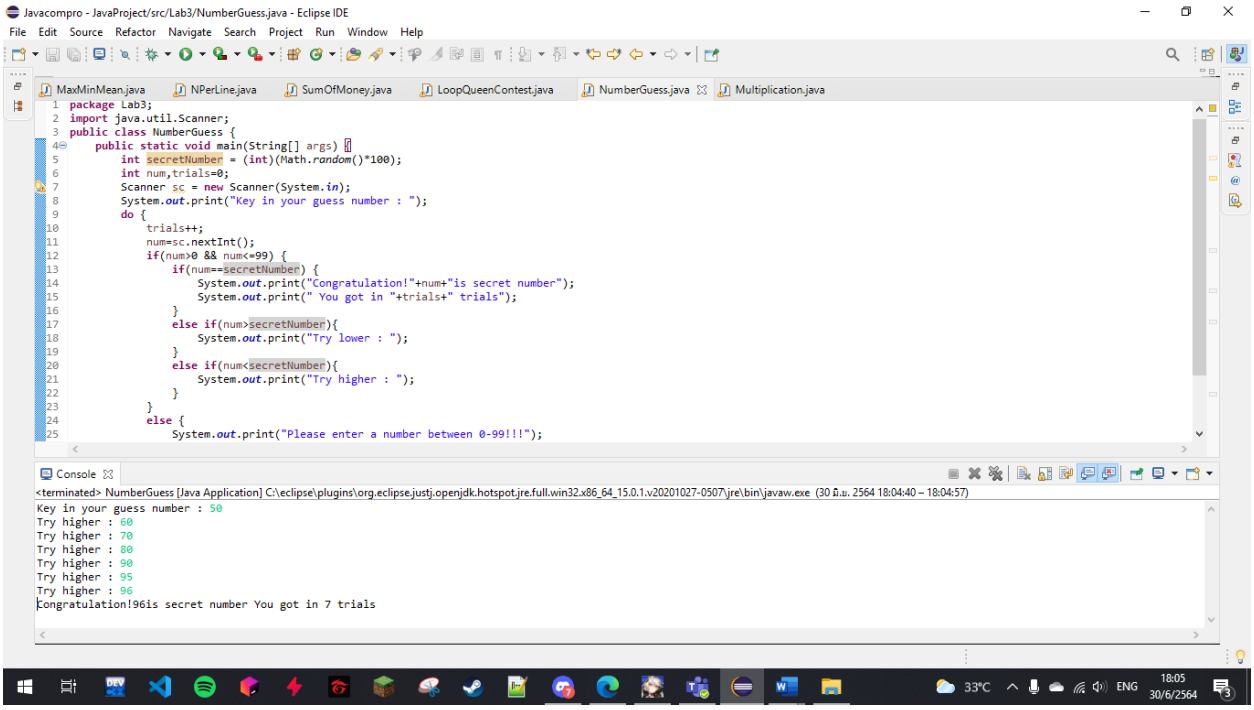

Javacompro - JavaProject/src/Lab3/LoopQueenContest.java - Eclipse IDE
File Edit Source Refactor Navigate Search Project Run Window Help
MaxMinMean.java NPerLine.java SumOfMoney.java LoopQueenContest.java NumberGuess.java Multiplication.java
package Lab3;
import java.util.Scanner;
public class LoopQueenContest {
public static void main(String[] args) {
//variable
int i=1,tallestnum=0;
char unit,choice;
double feet,inch,cm1=0,tallest=0;
Scanner sc = new Scanner(System.in);
//input
//No.1
do{
System.out.print("No. "+i+" Enter height: ");
unit = sc.next().charAt(0);
if(unit=='f') {
feet = sc.nextDouble();
inch = sc.nextDouble();
cm1 = ((feet*12)+inch)*2.54;
}
else if(unit=='c'){
cm1 = sc.nextDouble();
}
if (cm1>tallest) {
tallest=cm1;
tallestnum=i;
}
System.out.println("No."+"is "+cm1+"cm.");
i++;
System.out.print("Do you want to continue [y/n] : ");
choice = sc.next().charAt(0);
}while(choice=='y');
System.out.print("No. "+tallestnum+" is tallest");
System.out.println("Bye Bye!!!");
}
}
Writable Smart Insert 31 : 42 [29]
33°C ENG 17:58 30/6/2564


Javacompro - JavaProject/src/Lab3/LoopQueenContest.java - Eclipse IDE
File Edit Source Refactor Navigate Search Project Run Window Help
MaxMinMean.java NPerLine.java SumOfMoney.java LoopQueenContest.java NumberGuess.java Multiplication.java
//input
//No.1
do{
System.out.print("No. "+i+" Enter height: ");
unit = sc.next().charAt(0);
if(unit=='f') {
feet = sc.nextDouble();
inch = sc.nextDouble();
cm1 = ((feet*12)+inch)*2.54;
}
else if(unit=='c'){
cm1 = sc.nextDouble();
}
if (cm1>tallest) {
tallest=cm1;
tallestnum=i;
}
System.out.println("No."+"is "+cm1+"cm.");
i++;
System.out.print("Do you want to continue [y/n] : ");
choice = sc.next().charAt(0);
}while(choice=='y');
System.out.println("No. "+tallestnum+" is tallest");
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 ธ.ค. 2564 18:00:23 – 18:00:38)
No. 1 Enter height: f 5 4
No.is 162.56cm.
Do you want to continue [y/n] : y
No. 2 Enter height: c 175
No.is 175.0cm.
Do you want to continue [y/n] : n
No. 2 is tallest
Bye Bye!!!
33°C ENG 18:01 30/6/2564

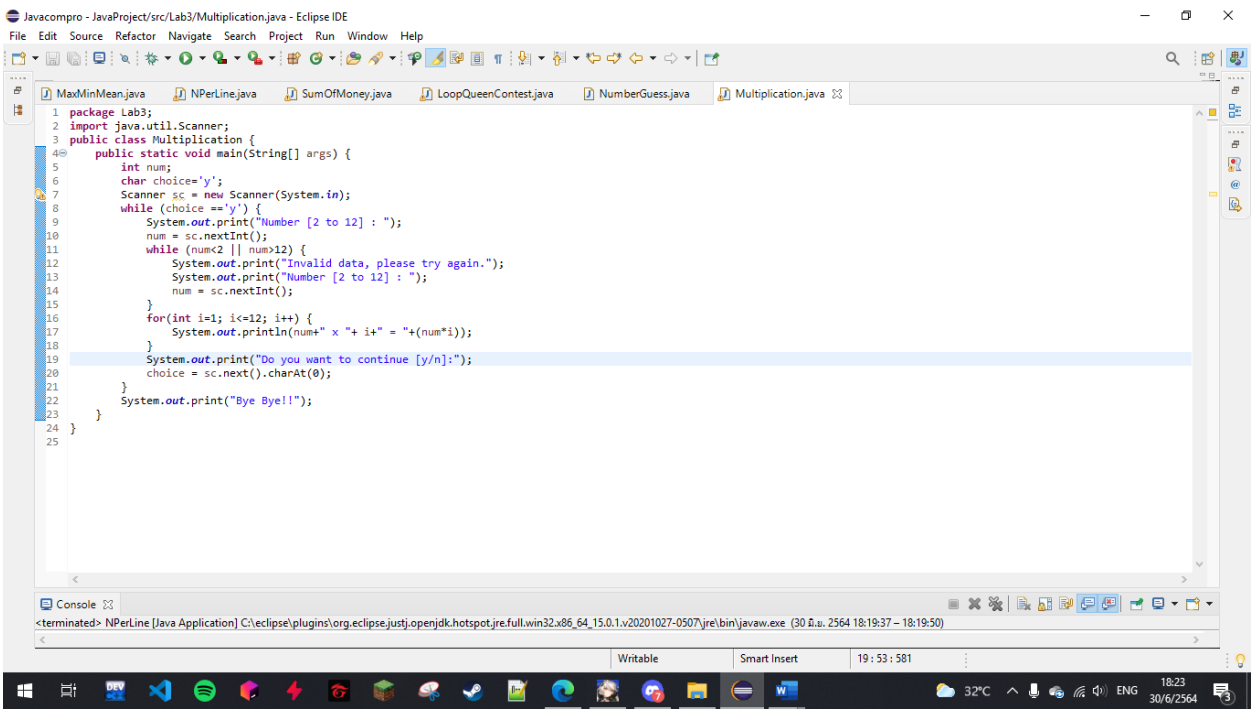

Javacompro - JavaProject/src/Lab3/LoopQueenContest.java - Eclipse IDE
File Edit Source Refactor Navigate Search Project Run Window Help
MaxMinMean.java NPerLine.java SumOfMoney.java LoopQueenContest.java NumberGuess.java Multiplication.java
Scanner sc = new Scanner(System.in);
//input
//No.1
do{
System.out.print("No. "+i+" Enter height: ");
unit = sc.next().charAt(0);
if(unit=='f') {
feet = sc.nextDouble();
inch = sc.nextDouble();
cm1 = ((feet*12)+inch)*2.54;
}
else if(unit=='c'){
cm1 = sc.nextDouble();
}
if (cm1>tallest) {
tallest=cm1;
tallestnum=i;
}
System.out.println("No."+tallestnum+" is "+cm1+"cm.");
i++;
System.out.print("Do you want to continue [y/n] : ");
choice = sc.next().charAt(0);
}while(choice=='y');
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 มิ.ย. 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!!!
33°C ENG 18:03 30/6/2564

5.


Javacompro - JavaProject/src/Lab3/NumberGuess.java - Eclipse IDE
File Edit Source Refactor Navigate Search Project Run Window Help
MaxMinMean.java NPerLine.java SumOfMoney.java LoopQueenContest.java NumberGuess.java Multiplication.java
package Lab3;
import java.util.Scanner;
public class NumberGuess {
public static void main(String[] args) {
int secretNumber = (int)(Math.random()*100);
int num,trials=0;
Scanner sc = new Scanner(System.in);
System.out.print("Key in your guess number : ");
do {
trials++;
num=sc.nextInt();
if(num>0 && num<=99) {
if(num==secretNumber) {
System.out.print("Congratulation!"+num+"is secret number");
System.out.print(" You got in "+trials+" trials");
}
else if(num>secretNumber){
System.out.print("Try lower : ");
}
else if(num<secretNumber){
System.out.print("Try higher : ");
}
}
else {
System.out.print("Please enter a number between 0-99!!!");
}
}while(num!=secretNumber);
}
}
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 มิ.ย. 2564 18:03:09 – 18:03:19)
Writable Smart Insert 21 : 55 : 654
33°C ENG 18:04 30/6/2564


Javacompro - JavaProject/src/Lab3/NumberGuess.java - Eclipse IDE
File Edit Source Refactor Navigate Search Project Run Window Help
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 มิ.ย. 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
33°C ENG 18:05 30/6/2564

6.


Javacompro - JavaProject/src/Lab3/Multiplication.java - Eclipse IDE
File Edit Source Refactor Navigate Search Project Run Window Help
MaxMinMean.java NPerLine.java SumOfMoney.java LoopQueenContest.java NumberGuess.java Multiplication.java
1 package Lab3;
2 import java.util.Scanner;
3 public class Multiplication {
4 public static void main(String[] args) {
5 int num;
6 char choice='y';
7 Scanner sc = new Scanner(System.in);
8 while (choice =='y') {
9 System.out.print("Number [2 to 12] : ");
10 num = sc.nextInt();
11 while (num<2 || num>12) {
12 System.out.print("Invalid data, please try again.");
13 System.out.print("Number [2 to 12] : ");
14 num = sc.nextInt();
15 }
16 for(int i=1; i<=12; i++) {
17 System.out.println(num+" x "+ i+" = "+(num*i));
18 }
19 System.out.print("Do you want to continue [y/n]:");
20 choice = sc.next().charAt(0);
21 }
22 System.out.print("Bye Bye!!");
23 }
24 }
25
Console
<terminated> NPerLine [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 มิ.ย. 2564 18:19:37 – 18:19:50)
Writable Smart Insert 19 : 53 : 581
32°C ENG 18:23 30/6/2564

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