package BasicJava;  
  
import java.util.Scanner;  
  
public class AddThreeNum {  
  
 public static void main(String[] args) {  
  
 int a, b, c, sum;  
 Scanner sc = new Scanner(System.*in*);  
 System.*out*.println("Please enter a number: ");  
 a = sc.nextInt();  
 System.*out*.println("Please enter another number: ");  
 b = sc.nextInt();  
 System.*out*.println("Please enter one more number: ");  
 c = sc.nextInt();  
  
 sum = a+b+c;  
 System.*out*.println("Sum of the three numbers is "+sum);  
  
  
 }  
 }

Please enter a number:

25

Please enter another number:

60

Please enter one more number:

33

Sum of the three numbers is 118

Process finished with exit code 0

Maximum of 3 numbers

package BasicJava.ClassAssgnmt1;  
  
import java.util.Scanner;  
  
public class MaxOfThreeNums {  
 public static void main(String[] args) {  
 int a, b, c;  
  
 Scanner sc = new Scanner(System.*in*);  
 System.*out*.print("Please enter a number: ");  
 a = sc.nextInt();  
 System.*out*.print("Please enter another number: ");  
 b = sc.nextInt();  
 System.*out*.print("Please enter one more number: ");  
 c = sc.nextInt();  
  
 if(a>b){  
 if(a>c){  
 System.*out*.println("The maximum of three nums is: " +a);  
 }else{  
 System.*out*.println("The maximum of three nums is: " +c);  
 }  
 }else if(b>c){  
 System.*out*.println("The maximum of three nums is: " +b);  
 }else{  
 System.*out*.println("The maximum of three nums is: " +c);  
 }  
 }  
}

Please enter a number: 7

Please enter another number: 36

Please enter one more number: 50

The maximum of three nums is: 50

Process finished with exit code 0

Swap two numbers

------------------------------------------------------------------------------------------------------------------------------------------package BasicJava.ClassAssgnmt1;  
  
import java.util.Scanner;  
  
public class SwapTwo {  
  
 public static void main(String[] args) {  
 int a, b, c;  
 Scanner sc = new Scanner(System.*in*);  
 System.*out*.println("Please enter a number: ");  
 a = sc.nextInt();  
 System.*out*.println("a="+a);  
 System.*out*.println("Please enter another number: ");  
 b = sc.nextInt();  
 System.*out*.println("b="+b);  
  
 c=a;  
 a=b;  
 b=c;  
  
 System.*out*.println("The Swapped values are a="+a+ " and b="+b);  
 }  
}

Please enter a number:

26

a=26

Please enter another number:

5

b=5

The Swapped values are a=5 and b=26

Process finished with exit code 0

Swap without variable

package BasicJava.ClassAssgnmt1;  
  
import java.util.Scanner;  
  
public class SwapWithoutVariable {  
 public static void main(String[] args) {  
 int a, b;  
 Scanner sc = new Scanner(System.*in*);  
 System.*out*.println("Please enter a number: ");  
 a = sc.nextInt();  
 System.*out*.println("a=" + a);  
 System.*out*.println("Please enter another number: ");  
 b = sc.nextInt();  
 System.*out*.println("b=" + b);  
  
 a = a + b;  
 b=a-b;  
 a = a - b;  
  
  
 System.*out*.println("The Swapped values are a=" + a + " and b=" + b);  
 }  
}

Please enter a number:

21

a=21

Please enter another number:

36

b=36

The Swapped values are a=36 and b=21

Process finished with exit code 0

Type Casting

package BasicJava.ClassAssgnmt1;  
  
import java.util.Scanner;  
  
public class TypeCasting {  
  
 public static void main(String[] args) {  
  
 float a,c;  
 double b,d;  
  
  
 Scanner sc = new Scanner(System.*in*);  
 System.*out*.print("Please enter a floating point number: ");  
 a = sc.nextFloat();  
 System.*out*.println("a="+a);  
 System.*out*.print("Please enter a number of type double: ");  
 b = sc.nextDouble();  
 System.*out*.println("b="+b);  
  
  
 d=a;  
 System.*out*.println("The value after conversion of a to double is "+d);  
 c=(float)b;  
 System.*out*.println("The value after conversion of b to float is "+c);  
  
  
  
  
 }  
}

Please enter a floating point number: 3.46

a=3.46

Please enter a number of type double: 98.3546

b=98.3546

The value after conversion of a to double is 3.4600000381469727

The value after conversion of b to float is 98.3546

Process finished with exit code 0