```java
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

```java
package BasicJava.ClassAssgnmt1;

import java.util.Scanner;

public class MaxOfThreeNums {
    public static void main(String[] args) {
        int a, b, c;
```

```java
        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

```java
//---------------------------------------------------------------------------
//--------------------------------------------------------------------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

```java
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