```java
//Q1)Write a java program that takes five numbers as input to calculate and print the average of the numbers.

class Average
{
public static void main(String []args)
{
System.out.println("the five inputs are: ");    // print the line
int var1=5;        //1st input number
int var2=10;        //2nd input number
int var3=15;        //3rd input number
int var4=20;        //4th input number
int var5=25;        //5th input number
int average =(var1+var2+var3+var4+var5)/5; //formula of average
System.out.println(var1+" , "+var2+" , "+var3+" , "+var4+" , "+var5);//print the result
System.out.println("The average of the values are: "+average);
}
}
```

```
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C:\Users\ASUS\Desktop\1st java program>javac Average.java

C:\Users\ASUS\Desktop\1st java program>java Average
The five inputs are:
5 , 10 , 15 , 20 , 25
The average of the values are: 15

C:\Users\ASUS\Desktop\1st java program>_
```

```
//Q) Swapping two variables refers to mutually exchanging the values of the variables.

class Swapping
{
public static void main(String []args)
{
System.out.println("the inputs are:");
int a=10;      //1st input
int b=20;      //2nd input
System.out.println(a+" "+b);
int temp;
temp=a;
a=b;
b=temp;
System.out.println("the new order of the inputs:" +a+" "+b);
}
}
```

```
C:\Windows\System32\cmd.exe

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C:\Users\ASUS\Desktop\1st java program>javac Swapping.java

C:\Users\ASUS\Desktop\1st java program>java Swapping
the inputs are:
10 20
the new order of the inputs:20 10

C:\Users\ASUS\Desktop\1st java program>
```

```
//Q3)write a java program to compute the specified expressions and print the output.
//specied Expression:
//(25.5*3.5-3.5*3.5)/(40.5-4.5)

class Expression
{
public static void main (String []args)
{
double ex =(25.5*3.5-3.5*3.5)/(40.5-4.5);

System.out.println("the ans of the given expression(25.5*3.5-3.5*3.5)/(40.5-4.5):"+ex);
}
}
```

```
C:\Windows\System32\cmd.exe

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C:\Users\ASUS\Desktop\1st java program>javac Expression.java

C:\Users\ASUS\Desktop\1st java program>java Expression
the ans of the given expression(25.5*3.5-3.5*3.5)/(40.5-4.5):2.138888888888889

C:\Users\ASUS\Desktop\1st java program>
```

```
//Q4)write a java program to print the sums (addition,subtraction,multiplication,division).
//remainder of two numbers:
//test data:
//input 1st number:125;
//input 2nd number:24;

class Sum
{
public static void main(String []args)
{
System.out.println("the two number is:");
int a=125;
int b=24;
int addition=a+b;
int subtraction=a-b;
int multiplication=a*b;
int division=a/b;
int remainder=a%b;
System.out.println(a+" "+b);
System.out.println("sum of two number is:"+addition);
System.out.println("sum of two number is:"+subtraction);
System.out.println("sum of two number is:"+multiplication);
System.out.println("sum of two number is:"+division);
System.out.println("sum of two number is:"+remainder);

}
}
```

```
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C:\Users\ASUS\Desktop\1st java program>javac Sum.java

C:\Users\ASUS\Desktop\1st java program>java.Sum
'java.Sum' is not recognized as an internal or external command,
operable program or batch file.

C:\Users\ASUS\Desktop\1st java program>java Sum
the two number is:
125 24
sum of two number is:149
sum of two number is:101
sum of two number is:3000
sum of two number is:5
sum of two number is:5

C:\Users\ASUS\Desktop\1st java program>_
```