Sample.java

```java
1
2 //check armstrong or not
3
4 package org.sample;
5
6 public class Sample {
7
8     public static void main(String[] args) {
9         int num =153;
10        int temp=num;
11        int arm=0;
12        while(num>0) {
13            int n=num%10;
14            arm=arm+(n*n*n);
15            num/=10;
16        }
17        if(arm==temp) {
18            System.out.println("Armstrong Number");
19        }
20        else {
21            System.out.println("Not a armstrong number");
22        }
23    }
24 }
25
```

Console

<terminated> Sample (1)
Armstrong Number

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*Sample.java

```java
1
2 //sum of digits
3
4 package org.sample;
5
6 public class Sample {
7
8     public static void main(String[] args) {
9         int num =12321;
10        int sum=0;
11        while(num>0) {
12            int n=num%10;
13            sum=sum+n;
14            num/=10;
15        }
16        System.out.println("sum of digits in the given number=>"+sum);
17    }
18 }
19
```

Console

<terminated> Sample (1) [Java Application] C:\Prog
sum of digits in the given number=>9

Sample.java

```java
1
2 //swap two num with 3rd variable
3
4 package org.sample;
5
6 public class Sample {
7
8     public static void main(String[] args) {
9         int a=10;
10        int b=20;
11        System.out.println("a="+a);
12        System.out.println("b="+b);
13        int temp =a;
14        a=b;
15        b=temp;
16        System.out.println("a="+a);
17        System.out.println("b="+b);
18    }
19 }
20
```

Console

<terminated> San
a=10
b=20
a=20
b=10