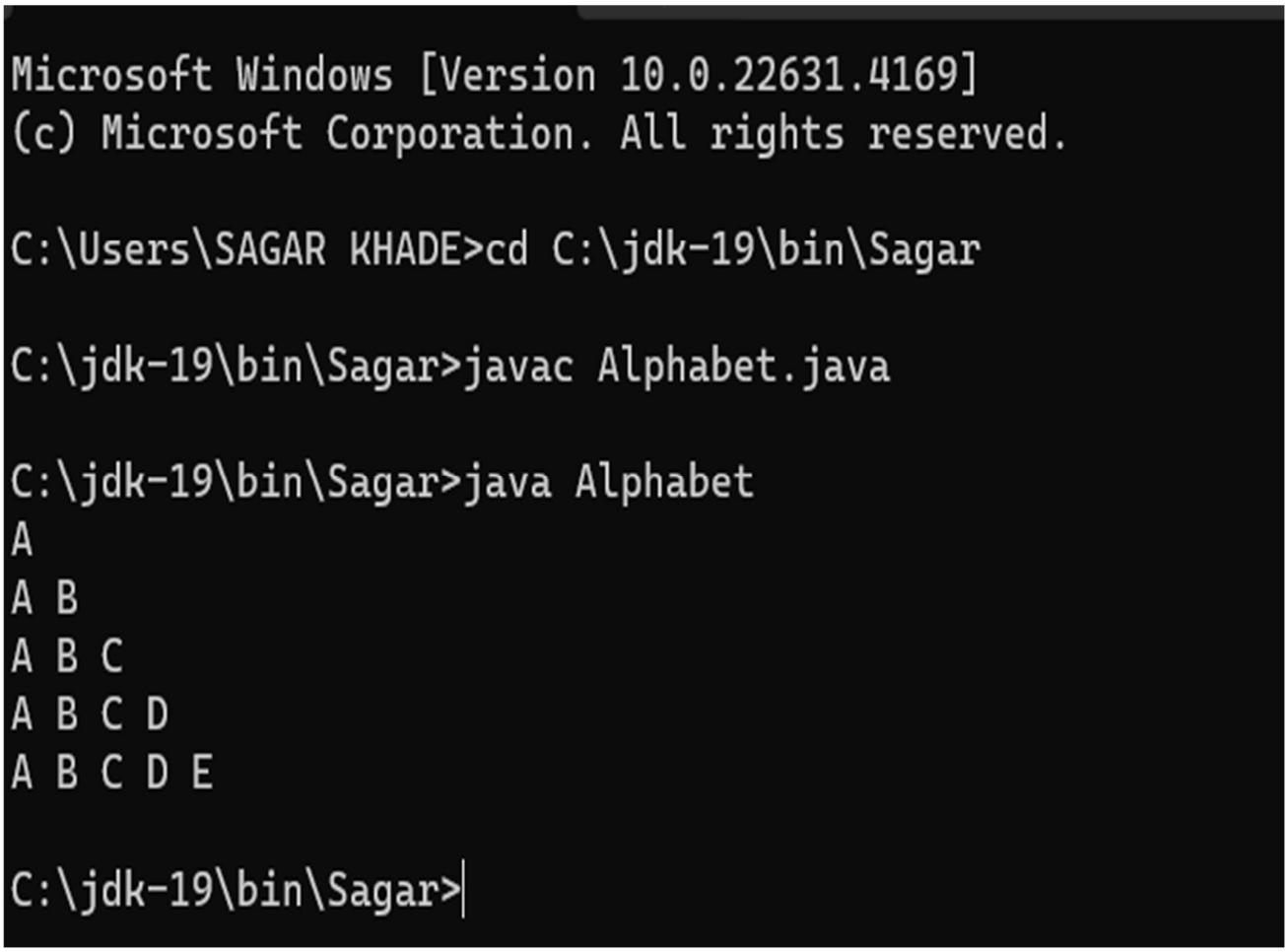
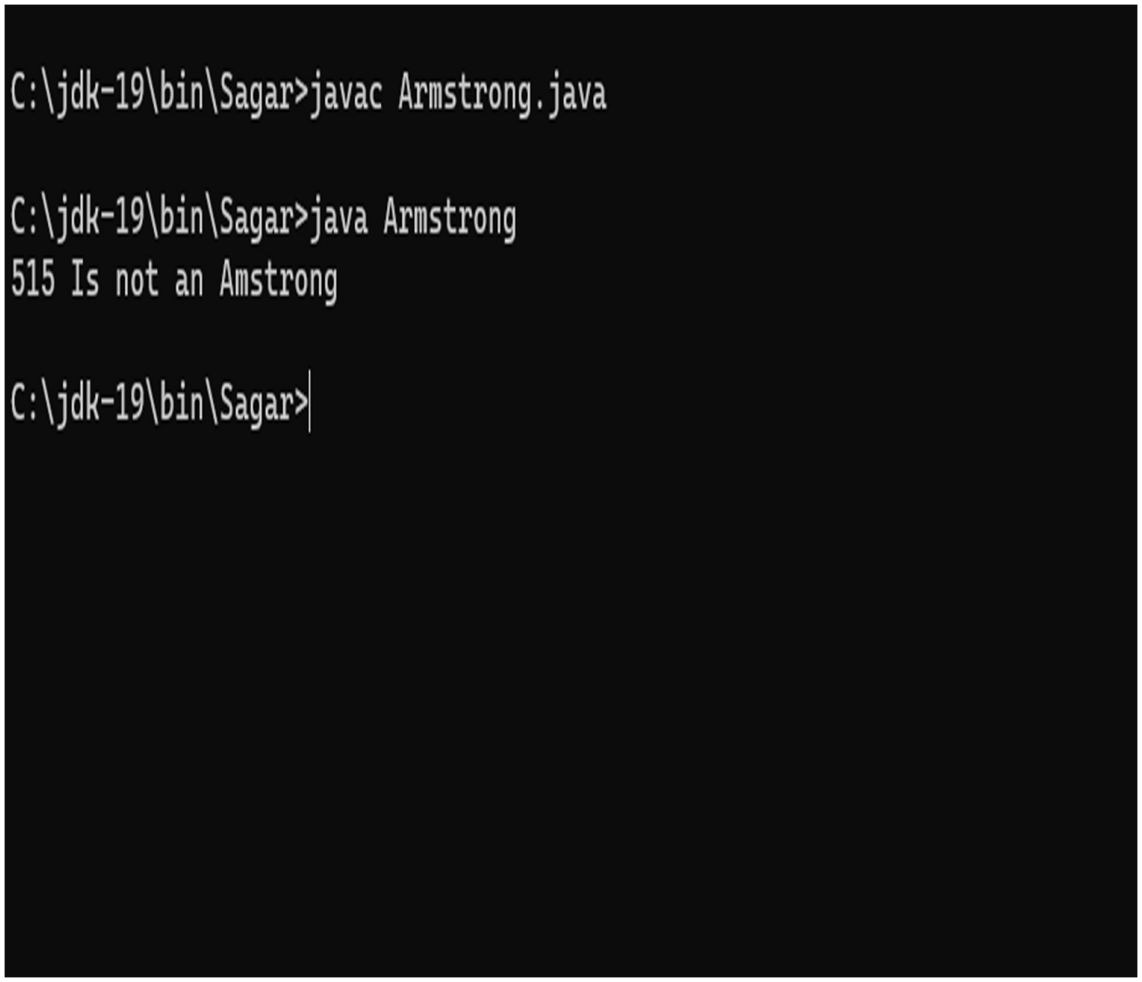
Output :-Alphabet Pattern



Aphabet Pattern

```
public class Alphabet {
	public static void main(String[] args) {
	char start = 'A';
	int rows = 5;
	for (int i = 0; i < rows; i++) {
	for (int j = 0; j <= i; j++) {
	System.out.print((char) (start + j) + " ");
	}
	System.out.println();
	}
	}
}
```

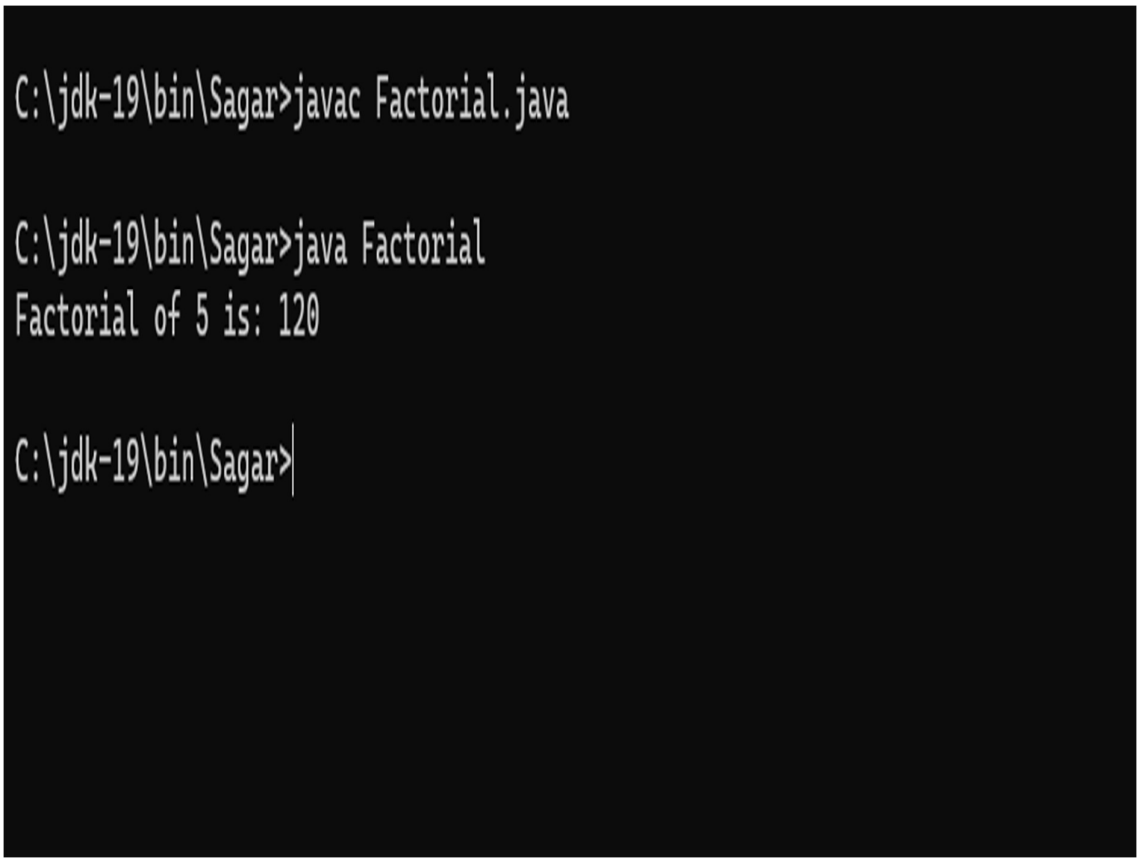
Output: Armstrong number



Armstrong Number

```
public class Armstrong{
 public static void main(String args[])
 {
        int number =515;
         int sum=0;
        int temp = number;
         for(;temp>0;temp/=10)
        {
          int digit = temp % 10;
          sum+=digit * digit * digit;
         }
         if(number==sum)
          {
         System.out.println(number+ " Is a Armstrong Number");
         }
        else{
        System.out.println(number+ " Is not an Amstrong");
        }
       }
       }
```

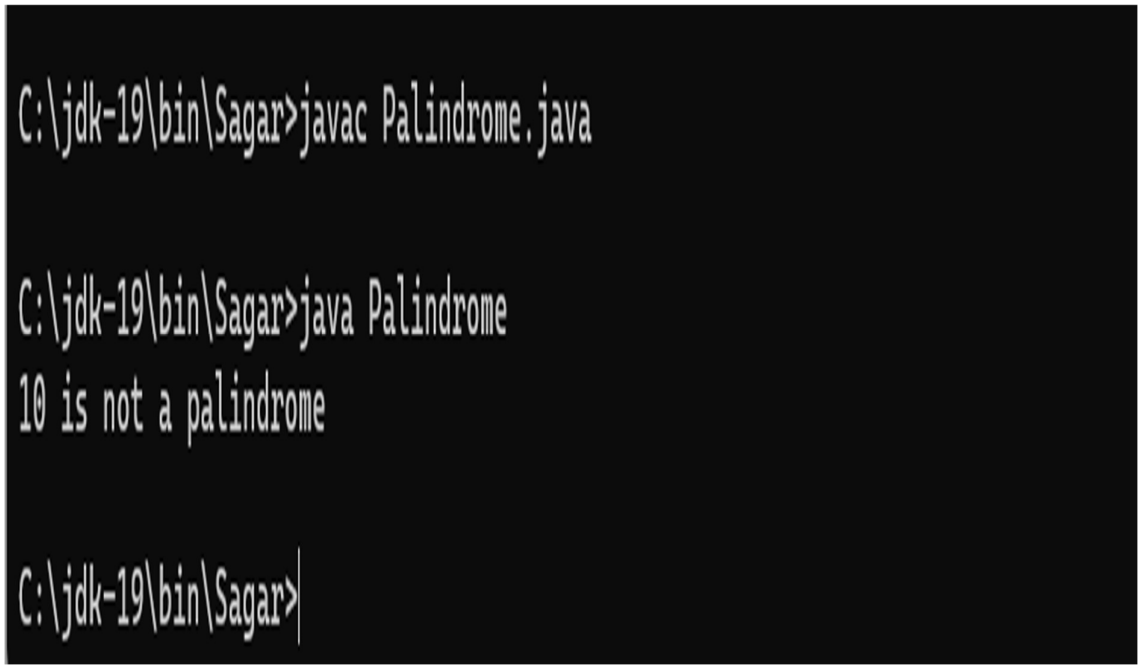
Output:- Factorial Number



Factorial Number

```
public class Factorial {
public static void main(String[] args) {
   int number = 5;
   long factorial = 1;
   for (int i = 1; i <= number; i++) {
      factorial *= i;
 }
System.out.println("Factorial of " + number + " is: " + factorial);
}
}
```

Output :- Palindrome Number

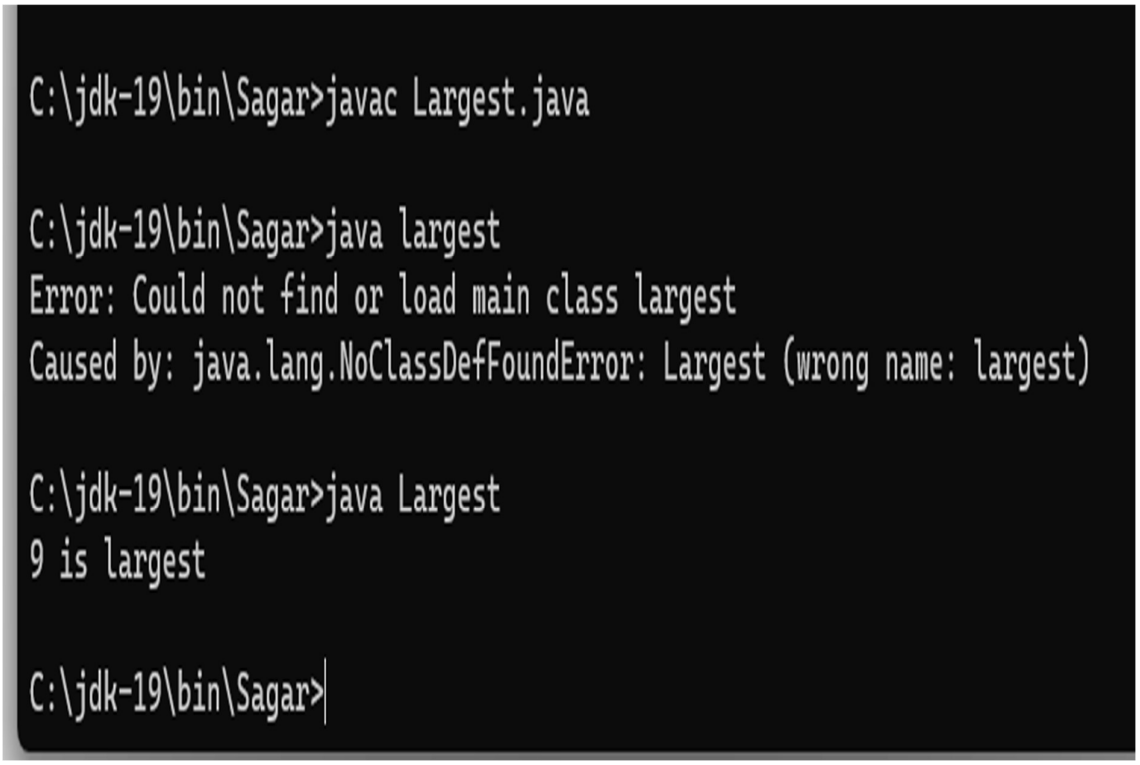


Palindrome Number

```
public class Palindrome {
public static void main(String[] args) {
   int number = 10;
   int originalNumber = number;
   int reverseNumber = 0;

   while (number > 0) {
      int digit = number % 10;
      reverseNumber = reverseNumber * 10 + digit;
      number = number / 10;
                                  }
   if (originalNumber == reverseNumber) {
      System.out.println(originalNumber + " is a palindrome");
   } else {
      System.out.println(originalNumber + " is not a palindrome");
   }
}
}
```

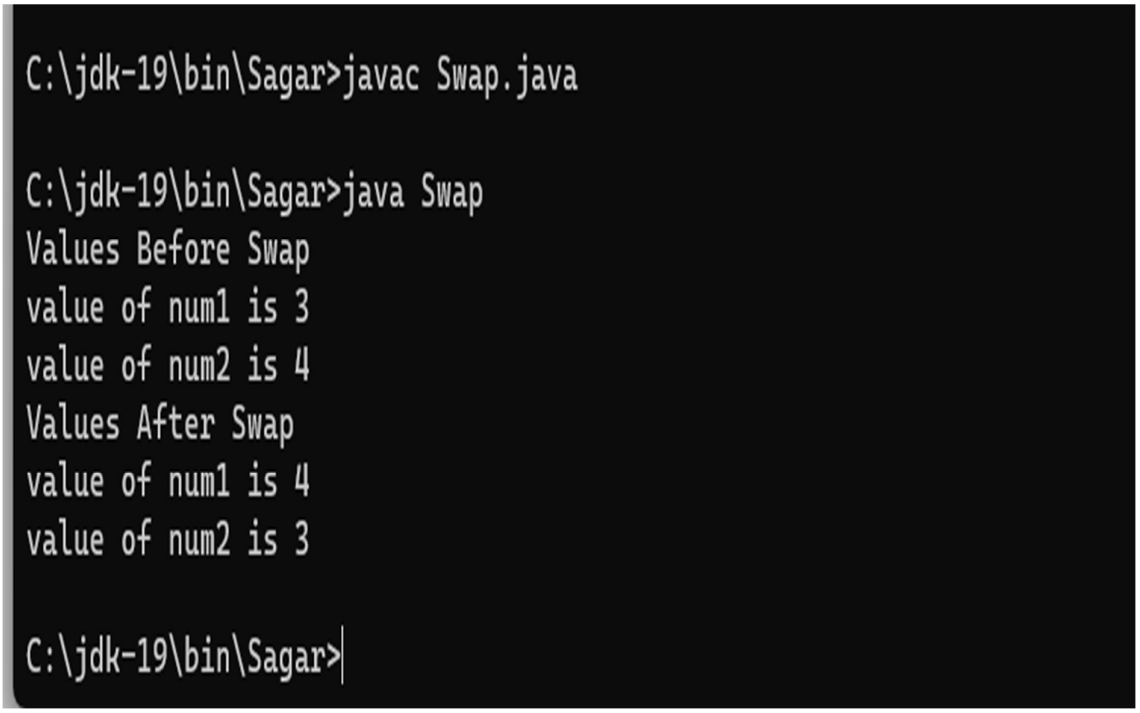
Output :- Largest Number



Program For Largest Number

```
 public class Largest {
public static void main(String[] args) {
 int num1=9;
 int num2=6;
 int num3=8;
 if(num1>num2&&num1>num3)
 {
   System.out.println(num1+ " is largest");
  }
   else if(num2>num1&&num2>num3){
   System.out.println(num2+ " is largest");
   }
   else
   {
   System.out.println(num3+" is largest");
   }
  }
}
```

Output:- Swap Numbers



Program For Swap Numbers

```
public class Swap{
  public static void main(String[] args) {
  int num1=3;
  int num2=4;
  int temp;
  System.out.println("value of num1 is" + num1);
  System.out.println("value of num2 is" + num2);
  temp= num1;
  num1= num2;
  num2=temp;
   System.out.println("value of num1 is" + num1);
  System.out.println("value of num2 is" + num2);
  }
  }
```