Write a program to do following process in package and display the output-

1.Armstrong no between 999 to 1
2.Accept no from user and check it is prime or not
3.Accept 10 no from user and find out the greatest

```
import myPack.arm;
import myPack1.prime;
import myPack2.greater;

class ArmstrongPackage {

	public static void main(String[] args) {
		// TODO Auto-generated method stub

		arm obj=new arm();
		obj.disp();
		prime obj1=new prime();
		obj1.display();
		greater obj2=new greater();
		obj2.print();
	}

}
```

```
package myPack;

public class arm {

	public void disp()
	{
		System.out.println("Armstrong Number from 999 to 1 :");
		for(int i=999;i>=1;i--)
		{
		int num=i;
		int sum=0;
		while(num>0)
		{
		int remainder=num%10;
		sum=sum+(remainder*remainder*remainder);
		num=num/10;
		}
		if(sum==i)
		{
		System.out.print("\n"+i+"\n");
		}
	  }
	}
}
```

```
package myPack1;

import java.util.Scanner;
```

```java
public class prime {
	int n,count;
	public void display()
	{
		Scanner sc=new Scanner(System.in);
		System.out.println("\nEnter a number :");
		n=sc.nextInt();
		for(int i=2;i<n;i++)
		{
			if(n%i==0)
			{
				count++;
				break;
			}
		}
		if(count==0)
			System.out.println("\nIt is a Prime Nunber.");
		else
			System.out.println("\nIt is not a Prime Nunber.");
	}

}
```

```java
package myPack2;

import java.util.Scanner;

public class greater {

		int grt,num,count;
		public void print()
		{
			Scanner sc=new Scanner(System.in);
			System.out.println("\nEnter a number :");
			int n=sc.nextInt();
			System.out.println("\nEnter a "+n+" number :");
				for(int i=1;i<=10;i++)
				{
					num=sc.nextInt();
					count++;
					if(num>grt)
				    grt=num;
				}
				System.out.println("\nGreater Number :" +grt);
				}
		}
```

OUTPUT-

```
Armstrong Number from 999 to 1 :

407

371

370

153

1

Enter a number :
5

It is a Prime Nunber.

Enter a number :
10

Enter a 10 number :
78
67
45
23
51
90
66
34
22
87

Greater Number :90
```