Switch case

```
package firstDemo;

import java.util.Scanner;

public class switchCase {

	// write a program to print month name using switch
	public static void main(String[] args) {
		// TODO Auto-generated method stub

		// code format   ctrl+shift+F (to look scrip neat and clean)
		System.out.println("which month you want?");
		Scanner sc = new Scanner(System.in);     // Scanner is used to take input from user
		                                         // Scanner is class , here we are creating object by name "sc",

		int n = sc.nextInt();     // we are taking input from user and storing in variable n,

		switch (n) {
		case 1:
			System.out.println("January");
			break;
		case 2:
			System.out.println("February");
			break;
		case 3:
			System.out.println("March");
			break;
		case 4:
			System.out.println("April");
			break;
		case 5:
			System.out.println("may");
			break;
		case 6:
			System.out.println("June");
			break;
		case 7:
			System.out.println("july");
			break;
```

```
            case 8:
                  System.out.println("August");
                  break;
            case 9:
                  System.out.println("Sepetmber");
                  break;
            case 10:
                  System.out.println("October");
                  break;
            case 11:
                  System.out.println("NOvember");
                  break;
            case 12:
                  System.out.println("December");
                  break;

            default:
                  System.out.println("Incorrect month no.");
            }

      }

}
```

Loops

```
package firstDemo;
import java.util.Scanner;

public class Loops {

	public static Scanner sc  ;   // created static → because  static does not require object to call method/variable

	public static void ReverseNumber()
	{
		// TODO Auto-generated method stub

		System.out.println("Enter Number");
		System.out.println();
		sc= new Scanner(System.in);		// Scanner is class , here we are creating object by name "sc",

		int n= sc.nextInt();
		int tochekPalindrome= n;  // palindrome   123454321
		int rev =0 ; int n1;
		while(n>0) //356  // first condition then execute
		{
			n1=n%10;		// 356/10  = .6  -->n1 =6   // n1=35%10= 0.5 --> n1 =5   // 3%10=0.3 --> n1=3
			rev =rev*10+n1;	// 0=0*10+6= 6 --> rev =6   // 6*10+5= 60+5 c--> rev=65  // 65*10+3 -->rev =653
			n= n/10;		// 356/10 =35.6 --> n=35    // n=35/10 =3.5--> n=3       // 3/10= 0.3 --> n=0

		}
		System.out.println("Reverse Number "+rev);

		if(rev==tochekPalindrome)//  653=356  --> false
		{
			System.out.println("Number is palindrome");
		}
		else // false -> then else will execute
		{
			System.out.println("Number is not palindrome");
		}
	}
```

```java
public static void ReverseString() {
	// TODO Auto-generated method stub
	System.out.println("Enter String");
	sc = new Scanner(System.in);
	System.out.println();
	String s = sc.next();
	String checkpalindrome =s;    // mom  String s= mom --> length =3 ,
	String rev="";
	for(int i =s.length()-1;i>=0;i--) //    for( i = 2; i>=0 ;i--)
	{
		rev =rev+s.charAt(i);  // ""+m --> rev=m;   //   m+o -->rev =mo  // rev =mo+m --> rev = mom
	}

	System.out.println("Reverse String " +rev);

	if(rev.equalsIgnoreCase(checkpalindrome))
	{
		System.out.println("word is palindrome");
	}
	else
	{
		System.out.println("word is not palindrome");
	}
}

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

	ReverseNumber();
	ReverseString();
	foreachloop();
}
private static void foreachloop() {
	// TODO Auto-generated method stub

	int[] numbers = {1, 2, 3, 4, 5};
	for (int n : numbers)
	{
		System.out.println(n);
	}}}
```