**Part 1**

import java.util.\*;

public class exp2a{

public static void main(String[] args){

int res;

Scanner sc=new Scanner(System.in);

System.out.println("enter the value for a");

int a=sc.nextInt();

System.out.println("enter the value for b");

int b=sc.nextInt();

System.out.println("Bitwise operations 1.AND 2.OR 3.EXOR 4.NEGATION 5. LEFT SHIFT 6.RIGHT SHIFT");

int ch=sc.nextInt();

switch(ch)

{ case 1:res=a&b;

System.out.println("a AND b="+res);

break;

case 2:res=a|b;

System.out.println("a OR b="+res);

break;

case 3:res=a^b;

System.out.println("a Exor b="+res);

break;

case 4:res=~a;

System.out.println("a NEGATION="+res);

break;

case 5:res=a<<b;

System.out.println("a LEFT SHIFT b="+res);

break;

case 6:res=a>>b;

System.out.println("a RIGHT SHIFT b="+res);

break;

default:

System.out.println("INVALID CHOICE");

}

}

}

**Part 2**

import java.util.\*;

public class Expp2b{

public static void main(String[] args){

int i=0,j=0;

System.out.println("Using Continue");

while(i<10)

{

if(i==4)

{i=i+1;

continue;}

else

{System.out.println("i=" +i);

i++;}

}

System.out.println("Using Break");

while(j<10)

{

if(j==4)

{break;}

else

{System.out.println("j=" +j);

j++;}}}

**Part 3**

import java.util.Scanner;

public class exp2c{

public static void main(String[] args)

{ int ch;

do{

int i,j;

Scanner sc= new Scanner(System.in);

System.out.println("enter the value for n");

int n=sc.nextInt();

for(i=1;i<=n;i++)

{

for(j=1;j<=n-i;j++)

{

System.out.print(" ");

}

for(j=1;j<=i;j++)

{

System.out.print(j);

}

for(j=(i-1);j>=1;j--)

{

System.out.print(j);

}

System.out.print("\n");

}

System.out.print("press 1 to continue....");

ch=sc.nextInt();

}while(ch==1);

}

}