

โปรแกรมผัด

โปรแกรมที่ 1

```
class x
{
    public static void main(String den[])
    {
        int nueng=5;
        for(int i=1;i>=nueng;i++)
        {
            for(int j=i;j<nueng;j++)
            {
                System.out.print(" ");
            }
            for(int j=1;j<=i;j++)
            {
                System.out.print(j);
            }
            System.out.print(nueng-i+1);
            for(int j=i;j>=1;j--)
            {
                System.out.print(j);
            }
            System.out.println();
        }
    }
}
```

โปรแกรมที่ 2

```
class x {  
  
    public static void main(String args[]){  
        int array[] = new int[]{10, 11, 88, 2, 12, 120};  
  
        int max = getMax(array);  
        System.out.println("Maximum Value is: "+max);  
  
        int min = getMin(array);  
        System.out.println("Minimum Value is: "+min);  
    }  
  
    public static int getMax(int[] inputArray){  
        int maxValue = inputArray[0];  
        for(int i=1;i < inputArray.length;){  
            if(inputArray[i] > maxValue){  
                maxValue = inputArray[i];  
            }  
        }  
        return maxValue;  
    }  
  
    public static int getMin(int[] inputArray){  
        int minValue = inputArray[0];  
        for(int i=1;i<inputArray.length;i++){  
            if(inputArray[i] < minValue){  
                minValue = inputArray[i];  
            }  
        }  
        return minValue;  
    }  
}
```

โปรแกรมที่ 3

```
import java.io.BufferedReader;
import java.io.IOException;
import java.io.InputStreamReader;

class x {
    public static void main(String[] args) {
        BufferedReader br = new BufferedReader(new InputStreamReader(System.in));
        System.out.print("Input your name:");
        StringBuffer sb = new StringBuffer("Welcome ");

        try {
            sb.append(br.readLine());
            br.close();

        } catch (IOException e) {
            System.out.println("Error Encountered getting user input:"
                               + e.getMessage());
            e.printStackTrace();
        }
    }
}
```

โปรแกรมที่ 4

```
import java.util.Scanner;

class x {
    public static void main(String[] args) {

        Double number, sum = 0.0;

        Scanner input = new Scanner(System.in);

        do {

            // takes input from the user
            System.out.print("Enter a number: ");
            number = input.nextDouble();
            sum += number;
        } while (number != 0.0);

        System.out.println("Sum = " + sum);

    }
}
```

โปรแกรมที่ 5

```
import java.util.*;

public class x {

    public static void main(String []args) {

        ArrayList<Integer> IntegerArrLst = new ArrayList<Integer>();

        IntegerArrLst.add(5);
        IntegerArrLst.add(10);
        IntegerArrLst.add(15);
        IntegerArrLst.add(20);
        IntegerArrLst.add(25);

        for (int IntegerArrItem : IntegerArrLst)
        {
            System.out.println("The Integer item in ArrayList: " + IntegerArrItem);
        }
    }
}
```

โปรแกรมที่ 6

```
import java.util.Scanner;
class x {
    public static void main(String[] args) {

        Scanner keyboard = new Scanner(System.in);
        System.out.print("enter an month : ");
        int month = keyboard.nextInt();
        String MonthString;

        switch (month) {
            case 1: monthString = "January";
                    break;
            case 2: monthString = "February";
                    break;
            case 3: monthString = "March";
                    break;
            case 4: monthString = "April";
                    break;
            case 5: monthString = "May";
                    break;
            case 6: monthString = "June";
                    break;
            case 7: monthString = "July";
                    break;
            case 8: monthString = "August";
                    break;
            case 9: monthString = "September";
                    break;
            case 10: monthString = "October";
                    break;
            case 11: monthString = "November";
                    break;
            case 12: monthString = "December";
                    break;
            default: monthString = "Invalid month";
                    break;
        }
        System.out.println(monthString);
    }
}
```

โปรแกรมที่ 7

```
import java.util.Scanner;

class x {
    public static void main(String[] args) {
        Scanner keyboard = new Scanner(System.in);
        System.out.print("enter an score : ");

        int Score = keyboard.nextInt();
        char grade;

        if (score >= 90) {
            grade = 'A';
        } else if (score >= 80) {
            grade = 'B';
        } else if (score >= 70) {
            grade = 'C';
        } else if (score >= 60) {
            grade = 'D';
        } else {
            grade = 'F';
        }
        System.out.println("Grade = " + grade);
    }
}
```

โปรแกรมที่ 8

```
class x {  
    public static void main(String[] args){  
  
        int arr[][] = new int[3][];  
        arr[0] = new int[3];  
        arr[1] = new int[4];  
        arr[2] = new int[2];  
  
        int count = 0;  
        for (int i=0; i<arr.length; i++)  
            for(int j=0; j<arr[i].length; j++)  
                arr[i][j] = count++;  
  
        for (int i=0; i<arr.length; i++){  
            for (int j=0; j<arr[i].length; j++){  
                System.out.print(arr[i][j]+" ");  
            }  
            System.out.println();  
        }  
    }  
}
```


โปรแกรมที่ 9

```
class x {  
    public static void main(String[] args) {  
        byte b =100;  
        short s =123;  
        int v = 123543;  
        int calc = -9876345;  
        long amountVal = 1234567891;  
        float intrestRate = 12.25f;  
        double sineVal = 12345.234d;  
        boolean flag = true;  
        boolean val = false;  
        char ch1 = 88;  
        char ch2 = 'Nueng';  
        System.out.println("byte Value = "+ b);  
        System.out.println("short Value = "+ s);  
        System.out.println("int Value = "+ v);  
        System.out.println("int second Value = "+ calc);  
        System.out.println("long Value = "+ amountVal);  
        System.out.println("float Value = "+ intrestRate);  
        System.out.println("double Value = "+ sineVal);  
        System.out.println("boolean Value = "+ flag);  
        System.out.println("boolean Value = "+ val);  
        System.out.println("char Value = "+ ch1);  
        System.out.println("char Value = "+ ch2);  
    }  
}
```

โปรแกรมที่ 10

```
class x {  
    public static void main(String[] args) {  
        String name = "aknahK tuyaraW";  
  
        char[] tempCharArray = new char[len];  
        char[] charArray = new char[len];  
  
        for (int i = 0; i < len; i++) {  
            tempCharArray[i] =  
                name.charAt(i);  
        }  
  
        for (int j = 0; j < len; j++) {  
            charArray[j] =  
                tempCharArray[len - 1 - j];  
        }  
  
        String reversename =  
            new String(charArray);  
        System.out.println(reversename);  
    }  
}
```