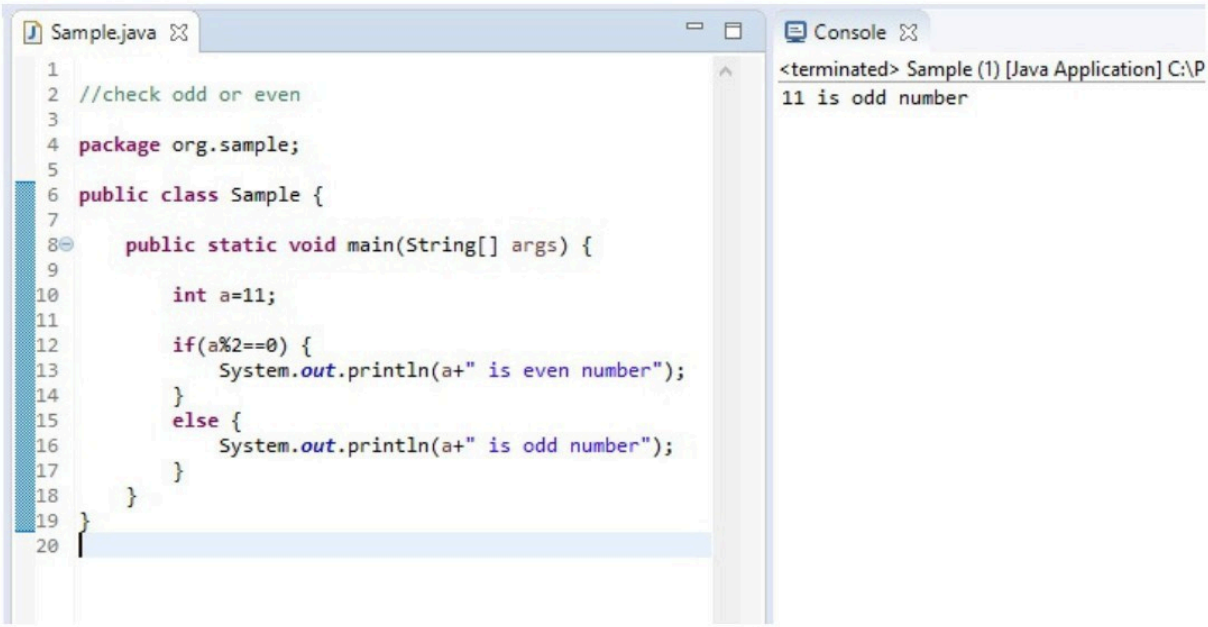
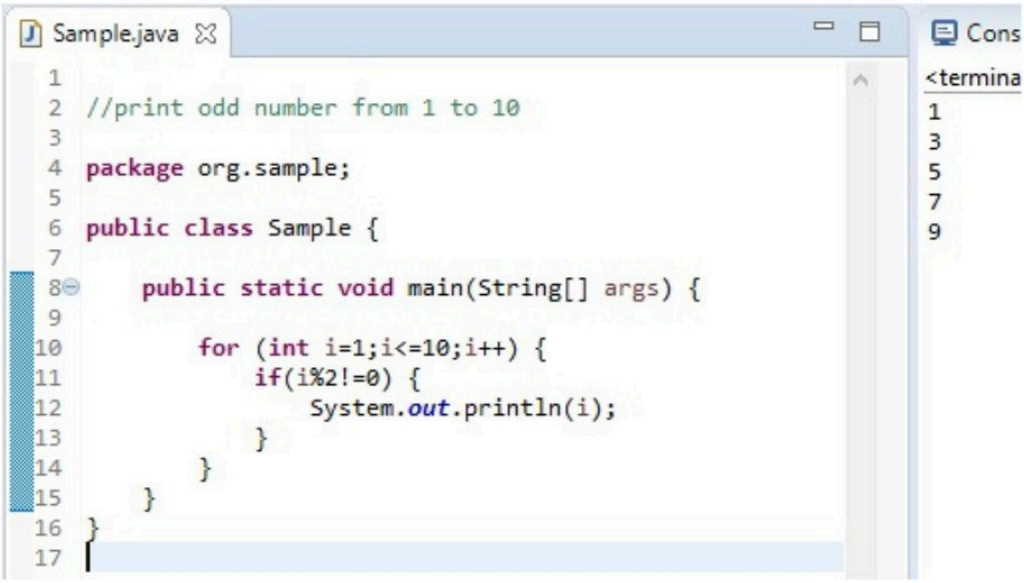




@ Harishkumar

Sample.java

```java

//2nd maximum number in array

package org.sample;

public class Sample {

    public static void main(String[] args) {
        int [] ar=new int[5];
        ar[0]=100;
        ar[1]=200;
        ar[2]=500;
        ar[3]=400;
        ar[4]=800;

        for(int i=0;i<ar.length;i++) {

            for(int j=i+1;j<ar.length;j++) {
                if(ar[i]>ar[j]) {
                    int temp=ar[i];
                    ar[i]=ar[j];
                    ar[j]=temp;
                }
            }
        }
            System.out.println(ar[1]);
    }
}
```

Console

<terminated> San

200

*Sample.java

```java

//3rd minimum number in array

package org.sample;

public class Sample {

    public static void main(String[] args) {
        int [] ar=new int[5];
        ar[0]=100;
        ar[1]=200;
        ar[2]=500;
        ar[3]=400;
        ar[4]=800;

        for(int i=0;i<ar.length;i++) {

            for(int j=i+1;j<ar.length;j++) {
                if(ar[i]<ar[j]) {
                    int temp=ar[i];
                    ar[i]=ar[j];
                    ar[j]=temp;
                }
            }
        }
            System.out.println(ar[2]);
    }
}
```

Console

<terminated> Sar

400

*Sample.java | Stat.java | Org.java

```
1
2  //reverse each word in the string
3
4  package org.sample;
5
6  public class Sample {
7      public static void main(String[] args) {
8          String s1="welcome to java class";
9          String s2="";
10
11         String[] s3 = s1.split(" ");
12         for(String s4:s3) {
13         String s5="";
14             for(int i=s4.length()-1;i>=0;i--) {
15                 char c = s4.charAt(i);
16                 s5=s5+c;
17             }
18             s2=s2+s5+" ";
19
20         }
21         System.out.println(s2);
22     }
23 }
24
```

Console

<terminated> Sample (1) [Java

```
emoclew ot avaj ssalc
```

Sample.java | Stat.java | String_Matham... | Org.java

```
7      public static void main(String[] args) {
8          int i=5;
9          switch(i) {
10         case 1:
11             System.out.println("One");
12             break;
13         case 2:
14             System.out.println("One");
15             break;
16         case 3:
17             System.out.println("three");
18             break;
19         case 4:
20             System.out.println("four");
21             break;
22         case 5:
23             System.out.println("five");
24             break;
25         case 6:
26             System.out.println("six");
27             break;
28         case 7:
29             System.out.println("seven");
30             break;
31         case 8:
32             System.out.println("eight");
33             break;
34         case 9:
35             System.out.println("nine");
36             break;
37         case 0:
38             System.out.println("zero");
39             break;
40         default:
41             System.out.println("enter valid number");
42         }
43     }
44 }
```

Console

<terminated> Sam

```
five
```

*Sample.java | *Stat.java | String_Mathamatics.java | Org.java

```java

//count of all caps small digits special count with special methods

package org.sample;

public class Sample {
    public static void main(String[] args) {
        String s1="Azarara321@gmail.com";
        int s=0,c=0,n=0,ch=0;
        String small="",caps="",digit="",spcl="";
        for(int i=0;i<s1.length();i++) {
            char a = s1.charAt(i);
            if(Character.isLowerCase(a)) {
                s++;
                small=small+a;
            }
            else if(Character.isUpperCase(a)) {
                c++;
                caps=caps+a;
            }
            else if(Character.isDigit(a)) {
                n++;
                digit=digit+a;
            }
            else {
                ch++;
                spcl=spcl+a;
            }
        }
        System.out.println("Small==>"+s+"==>"+small);
        System.out.println("Capital==>"+c+"==>"+caps);
        System.out.println("Digit==>"+n+"==>"+digit);
        System.out.println("Special Character==>"+ch+"==>"+spcl);
    }
}
```

Console

```
<terminated> Stat [Java Application] C
Small==>14==>zararagmailcom
Capital==>1==>A
Digit==>3==>321
Special Character==>2
```

Sample.java | Stat.java | String_Matha... | Org.java

```java

//convert first letter of the each word should be in caps

package org.sample;

public class Sample {
    public static void main(String[] args) {
        String s1="welcome to java class";
        String s2="";
        String[] s3 = s1.split(" ");
        for(String s4:s3) {
            char ch = s4.charAt(0);
            char a = Character.toUpperCase(ch);
            String b = s4.substring(1);
            s2=s2+a+b+" ";
        }
        System.out.println(s2);
    }

}
```

Console

```
<terminated> Sample (1) [Java
Welcome To Java Class
```

Sample.java | Stat.java | Org.java

```java

//print duplicates in array

package org.sample;

public class Sample {
    public static void main(String[] args) {
            int [] ar=new int[7];
            ar[0]=4;
            ar[1]=3;
            ar[2]=3;
            ar[3]=6;
            ar[4]=4;
            ar[5]=1;
            ar[6]=2;
            for(int i=0;i<ar.length;i++) {
                for(int j=i+1;j<ar.length;j++)
                if(ar[i]==ar[j]) {
                    System.out.println(ar[i]);
                }
            }
    }
}

```

Console

```
<terminated> Sam
4
3
```

*Sample.java | Stat.java | Org.java

```java

//print uniq num in array

package org.sample;

import java.util.*;

public class Sample {
    public static void main(String[] args) {
            int[] ar=new int[7];
            ar[0]=4;
            ar[1]=3;
            ar[2]=3;
            ar[3]=6;
            ar[4]=4;
            ar[5]=1;
            ar[6]=2;

            Set<Integer> arlist = new TreeSet<>();
            for(int i=0;i<ar.length;i++) {
                arlist.add(ar[i]);
            }
            System.out.println(arlist);
    }
}

```

Console

```
<terminated> Sample
[1, 2, 3, 4, 6]
```

Sample.java | Stat.java | String_Mathamatics.... | Org.java

```java

//remove duplicate from string

package org.sample;

import java.util.*;
import java.util.Map.Entry;

public class Sample {
    public static void main(String[] args) {
        String s1="welcome to java";
        String s2 = s1.replace(" ", "");
        String s="";
        System.out.println(s2);
        char[] ch = s2.toCharArray();
        Map<Character,Integer> mp=new LinkedHashMap<>();
        for(int i=0;i<ch.length;i++) {
            if(mp.containsKey(ch[i])) {

            }
            else {
                mp.put(ch[i], 1);
            }
        }
        Set<Entry<Character, Integer>> entrySet = mp.entrySet();
        for (Entry<Character, Integer> entry : entrySet) {
            s=s+entry.getKey();

        }
        System.out.println(s);
    }
}

```

Console

```
<terminated> Sampl
welcometojava
welcomtjav
```

*Sample.java

```java
//print vowel count

package org.sample;

public class Sample {

    public static void main(String[] args) {
        String s="welcome to java class today";
        char[] ch = s.toCharArray();
        int count=0;
        for(int i=0;i<ch.length;i++) {
            char c = ch[i];
            if(c=='a'||c=='e'||c=='i'||c=='o'||c=='u'||c=='A'||c=='E'||c=='I'||c=='O'||c=='U') {
                count++;
            }
        }
        System.out.println(count);
    }
}
```

Console

<terminated> Sa

9

*Sample.java

```java
//print vowel values in the string

package org.sample;

import java.util.*;
import java.util.Map.Entry;

public class Sample {

    public static void main(String[] args) {
        String s="welcome to java class today";
        char[] ch = s.toCharArray();
        Map<Character,Integer> mp=new TreeMap<Character,Integer>();
        for(int i=0;i<ch.length;i++) {
            char c = ch[i];
            if(c=='a'||c=='e'||c=='i'||c=='o'||c=='u'||c=='A'||c=='E'||c=='I'||c=='O'||c=='U') {
                if(mp.containsKey(c)) {
                    Integer inte = mp.get(ch[i]);
                    mp.put(c, inte+1);
                }
                else {
                    mp.put(c, 1);
                }
            }
        }
        Set<Entry<Character,Integer>> entrySet = mp.entrySet();
        for (Entry<Character, Integer> entry : entrySet) {
            System.out.println(entry);
        }
    }
}
```

Console

<terminated> Sam

a=4
e=2
o=3

Sample.java

```java
//print consonant count in the string

package org.sample;

public class Sample {
    public static void main(String[] args) {
        String s="welcome to java class today";
        char[] ch = s.toCharArray();
        int count=0;
        for(int i=0;i<ch.length;i++) {
            char c = ch[i];
            if((c>='a'&&c<='z')||(c>='A'&&c<='Z')) {
                if(!(c=='a'||c=='e'||c=='i'||c=='o'||c=='u'||c=='A'||c=='E'||c=='I'||c=='O'||c=='U')) {
                count++;
            }
        }

        }
        System.out.println(count);
    }

}
```

Console

<terminated> San

14

Sample.java

```
1
2  //print consonant values in the string
3
4  package org.sample;
5
6  import java.util.*;
7  import java.util.Map.Entry;
8
9  public class Sample {
10
11     public static void main(String[] args) {
12         String s="welcome to java class today";
13         char[] ch = s.toCharArray();
14         Map<Character,Integer> mp=new TreeMap<Character,Integer>();
15         for(int i=0;i<ch.length;i++) {
16             char c = ch[i];
17             if((c>='a'&&c<='z')||(c>='A'&&c<='Z')) {
18             if(!(c=='a'||c=='e'||c=='i'||c=='o'||c=='u'||c=='A'||c=='E'||c=='I'||c=='O'||c=='U')) {
19                 if(mp.containsKey(c)) {
20                     Integer inte = mp.get(ch[i]);
21                     mp.put(c, inte+1);
22                 }
23                 else {
24                     mp.put(c, 1);
25                 }
26             }
27             }
28         }
29         Set<Entry<Character,Integer>> entrySet = mp.entrySet();
30         for (Entry<Character, Integer> entry : entrySet) {
31             System.out.println(entry);
32         }
33     }
34 }
```

Console

```
<terminated> Sample
c=2
d=1
j=1
l=2
m=1
s=2
t=2
v=1
w=1
y=1
```

Sample.java | *Stat.java | String_Mathamatics.java | Org.java

```
1  //count of all caps small digits special count without special methods
2
3  package org.sample;
4
5  public class Stat extends Sample {
6
7  public static void main(String[] args) {
8
9          String s1="Azarara321@gmail.com";
10         int s=0,c=0,n=0,ch=0;
11         String small="",caps="",digit="",spcl="";
12         for(int i=0;i<s1.length();i++) {
13             char a = s1.charAt(i);
14             if(a>=97&&a<=122) {
15                 s++;
16                 small=small+a;
17             }
18             else if(a>=65&&a<=90) {
19                 c++;
20                 caps=caps+a;
21             }
22             else if(a>=48&&a<=57) {
23                 n++;
24                 digit=digit+a;
25             }
26             else {
27                 ch++;
28                 spcl=spcl+a;
29             }
30         }
31         System.out.println("Small==>"+s+"==>"+small);
32         System.out.println("Capital==>"+c+"==>"+caps);
33         System.out.println("Digit==>"+n+"==>"+digit);
34         System.out.println("Special Character==>"+ch);
35     }
36
37 }
```

Console

```
<terminated> Stat [Java Application] C:
Small==>14==>zararagmailcom
Capital==>1==>A
Digit==>3==>321
Special Character==>2
```

Sample.java | Stat.java | String_Mathamatics.java | Org.java

```java

//increase the current date by 10

package org.sample;

import java.text.ParseException;
import java.text.SimpleDateFormat;
import java.util.Calendar;

public class Sample {
    public static void main(String[] args) throws ParseException {
        String dt = "2020-20-28";
        SimpleDateFormat sdf = new SimpleDateFormat("yyyy-MM-dd");
        Calendar c = Calendar.getInstance();
        c.setTime(sdf.parse(dt));
        c.add(Calendar.DATE, 10);
        dt = sdf.format(c.getTime());
        System.out.println(dt);
    }
}

```

Console

```
<terminated> Samp
2021-09-07
```

Sample.java | Stat.java | String_Mathamatics.java | Org.java

```java

//increase the current month by 2

package org.sample;

import java.text.ParseException;
import java.text.SimpleDateFormat;
import java.util.Calendar;

public class Sample {
    public static void main(String[] args) throws ParseException {
        String dt = "2020-10-28";
        SimpleDateFormat sdf = new SimpleDateFormat("yyyy-MM-dd");
        Calendar c = Calendar.getInstance();
        c.setTime(sdf.parse(dt));
        c.add(Calendar.MONTH, 2);
        dt = sdf.format(c.getTime());
        System.out.println(dt);
    }
}

```

Console

```
<terminated> Sample
2020-12-28
```

Sample.java | Stat.java | String_Mathamatics.java | Org.java

```java

//increase the current year by 3

package org.sample;

import java.text.ParseException;
import java.text.SimpleDateFormat;
import java.util.Calendar;

public class Sample {
    public static void main(String[] args) throws ParseException {
        String dt = "2020-10-28";
        SimpleDateFormat sdf = new SimpleDateFormat("yyyy-MM-dd");
        Calendar c = Calendar.getInstance();
        c.setTime(sdf.parse(dt));
        c.add(Calendar.YEAR, 3);
        dt = sdf.format(c.getTime());
        System.out.println(dt);
    }
}

```

Console

```
<terminated> Samp
2023-10-28
```

Sample.java

```java

//reverse the string

package org.sample;

public class Sample {

    public static void main(String[] args) {
        String s="hello";
        String rev="";
        for(int i=s.length()-1;i>=0;i--) {
            rev=rev+s.charAt(i);
        }
        System.out.println(rev);
    }
}

```

Console

<terminated> Samp

olleh

Sample.java

```java

//palindrome of string

package org.sample;

public class Sample {

    public static void main(String[] args) {
        String s="malayalam";
        String rev="";
        for(int i=s.length()-1;i>=0;i--) {
            rev=rev+s.charAt(i);
        }
        if(s.equals(rev)) {
        System.out.println("Palindrome");
        }
        else {
            System.out.println("not a palindrome");
        }
    }
}

```

Console

<terminated> Sam

Palindrome

Sample.java

```java
//print even number from 1 to 600

package org.sample;

public class Sample {

    public static void main(String[] args) {

        for (int i=1;i<=600;i++) {
            if(i%2==0) {
                System.out.println(i);
            }
        }
    }
}
```

Console

<terminated> Sample (1) [Ja

```
530
532
534
536
538
540
542
544
546
548
550
552
554
556
558
560
562
564
566
568
570
572
574
576
578
580
582
584
586
588
590
592
594
596
598
600
```

Sample.java

```java
//count odd number from 1 to 100

package org.sample;

public class Sample {

    public static void main(String[] args) {
        int count =0;
        for (int i=1;i<=100;i++) {
            if(i%2!=0) {
                count++;
            }
        }
        System.out.println(count);
    }
}
```

Console

<terminated> Sample (

```
50
```

*Sample.java

```java

//check the number is prime or not

package org.sample;

public class Sample {

    public static void main(String[] args) {
        int a=13;
        int count = 0;
        for(int i=2;i<=a/2;i++) {
            if(a%i==0) {
                count++;
            }
        }
        if(count==0) {
            System.out.println("Prime number");
        }
        else {
            System.out.println("Not a prime numebr");
        }
    }
}

```

Console

```
<terminated> Sample
Prime number
```

Sample.java

```java

//print prime number from 1 to 50

package org.sample;

public class Sample {

    public static void main(String[] args) {
        for(int i=1;i<=50;i++) {
            int count = 0;
            for(int j=2;j<=i/2;j++) {
                if(i%j==0) {
                    count++;
                }
            }
            if(count==0) {
                System.out.println(i);
            }
        }
    }
}

```

Consol

```
<terminate
1
2
3
5
7
11
13
17
19
23
29
31
37
41
43
47
```

Sample.java

```java

//remove duplicates in array

package org.sample;

import java.util.LinkedHashSet;
import java.util.Set;

public class Sample {

    public static void main(String[] args) {
        int [] ar=new int[8];
        ar[0]=10;
        ar[1]=20;
        ar[2]=50;
        ar[3]=10;
        ar[4]=10;
        ar[5]=40;
        ar[6]=20;
        ar[7]=30;

        Set<Integer> s=new LinkedHashSet<Integer>();
        for(int i=0;i<ar.length;i++) {
            s.add(ar[i]);
        }
        for (Integer arrr : s) {
            System.out.println(arrr);
        }
    }
}

```

Console

```
<terminated> Sam
10
20
50
40
30
```

*Sample.java

```java

//print number of character

package org.sample;

public class Sample {

    public static void main(String[] args) {
        String s="welcome@123";
        char[] ch = s.toCharArray();
        int length = ch.length;
        System.out.println("number of characters in string -"+length);
    }
}

```

Console

```
<terminated> Sample (1) [Java Application] C:\Prog
number of characters in string -11
```

Sample.java

```java

//print number of words

package org.sample;

public class Sample {

    public static void main(String[] args) {
        String s="welcome to java class today";
        String[] ch = s.split(" ");
        int length = ch.length;
        System.out.println("number of words in string ->"+length);
    }
}

```

Console

```
<terminated> Sample (1) [Java Applicatic
number of words in string ->5
```

Sample.java | Stat.java | Org.java

```java

//get number and print it in words

package org.sample;

public class Sample {
    public static void main(String[] args) {
        String s="Welcome";
        String s1="";
        String rev="";
        char[] ch = s.toCharArray();
        for (int i=0;i<ch.length;i++) {
            char c = ch[i];
            if(c>='a'&&c<'z') {
                char up = Character.toUpperCase(c);
                s1=s1+up;
            }
            else {
                s1=s1+c;
            }
        }
        System.out.println(s1);
        char[] ch2 = s1.toCharArray();
        for(int i=ch2.length-1;i>=0;i--) {
            char revnum = ch2[i];
            rev=rev+revnum;
        }
        System.out.println(rev);
    }
}

```

Console

<terminated> Sam

```
WELCOME
EMOCLEW
```

*Sample.java | Stat.java | Org.java

```java

//print only numbers in the string

package org.sample;

public class Sample {
    public static void main(String[] args) {
        String s="hello123hai";
        String s2="";
        char[] ch = s.toCharArray();
        for(int i=0;i<ch.length;i++) {
            char c = ch[i];
            if(c>='0'&&c<='9') {
                s2=s2+c;
            }
        }
        System.out.println(s2);
    }
}

```

Console

<terminated> San

```
123
```

Sample.java

```java

//ascending order in array

package org.sample;

public class Sample {

    public static void main(String[] args) {
        int [] ar=new int[5];
        ar[0]=800;
        ar[1]=200;
        ar[2]=500;
        ar[3]=400;
        ar[4]=100;

        for(int i=0;i<ar.length;i++) {

            for(int j=i+1;j<ar.length;j++) {
                if(ar[i]>ar[j]) {
                    int temp=ar[i];
                    ar[i]=ar[j];
                    ar[j]=temp;
                }
            }
        }
        for(int i=0;i<ar.length;i++) {
            System.out.println(ar[i]);
        }
    }
}

```

Console

<terminated> Sam

```
100
200
400
500
800
```

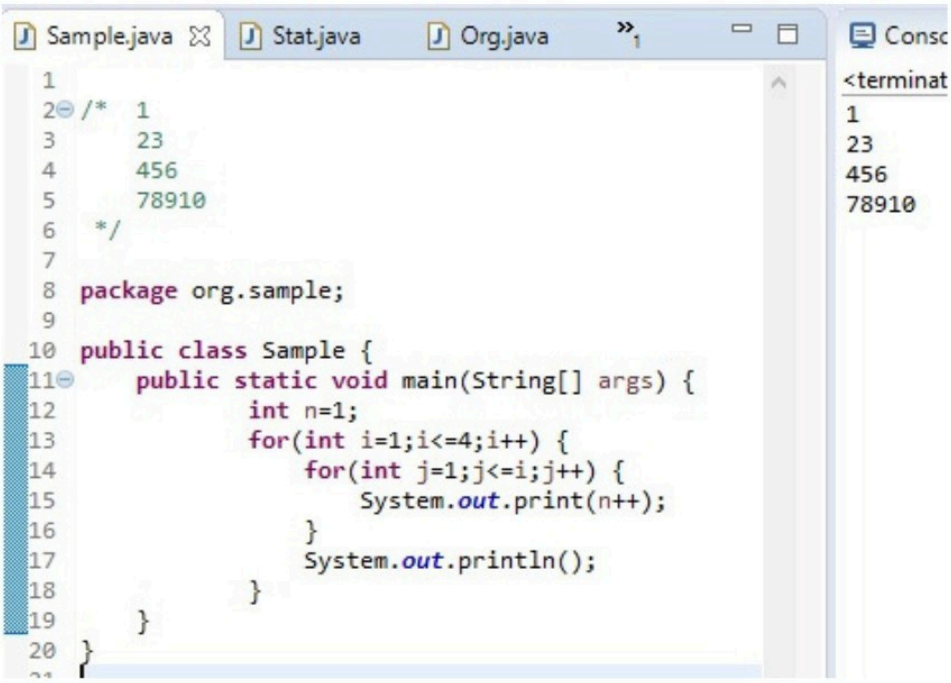
Sample.java

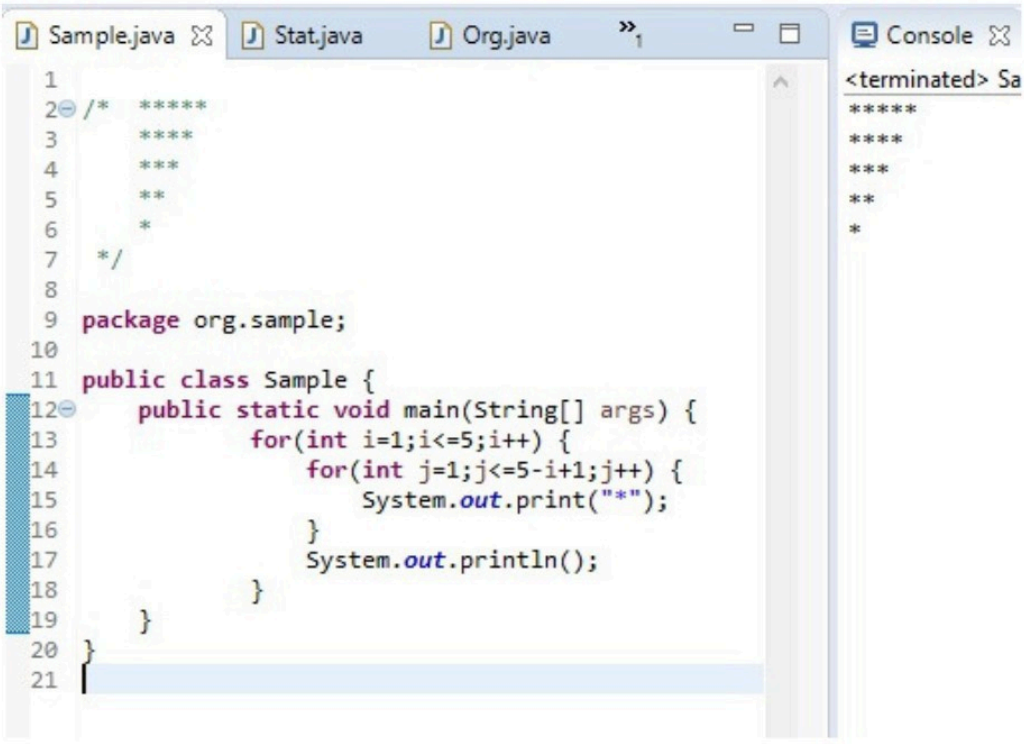
```java

//descending order in array

package org.sample;

public class Sample {

    public static void main(String[] args) {
        int [] ar=new int[5];
        ar[0]=100;
        ar[1]=200;
        ar[2]=500;
        ar[3]=400;
        ar[4]=800;

        for(int i=0;i<ar.length;i++) {

            for(int j=i+1;j<ar.length;j++) {
                if(ar[i]<ar[j]) {
                    int temp=ar[i];
                    ar[i]=ar[j];
                    ar[j]=temp;
                }
            }
        }
        for(int i=0;i<ar.length;i++) {
            System.out.println(ar[i]);
        }
    }
}

```

Console

<terminated> San

```
800
500
400
200
100
```


Sample.java
Stat.java
Org.java
Consc
<terminat
1
23
456
78910
/* 1
23
456
78910
*/
package org.sample;
public class Sample {
public static void main(String[] args) {
int n=1;
for(int i=1;i<=4;i++) {
for(int j=1;j<=i;j++) {
System.out.print(n++);
}
System.out.println();
}
}
}


Sample.java
Stat.java
Org.java
Console
<terminated> Sa
*****
****
***
**
*
/* *****
****
***
**
*
*/
package org.sample;
public class Sample {
public static void main(String[] args) {
for(int i=1;i<=5;i++) {
for(int j=1;j<=5-i+1;j++) {
System.out.print("*");
}
System.out.println();
}
}
}

*Sample.java

```java

//maximum number in array

package org.sample;

public class Sample {

    public static void main(String[] args) {
        int [] ar=new int[5];
        ar[0]=100;
        ar[1]=200;
        ar[2]=500;
        ar[3]=400;
        ar[4]=800;

        for(int i=0;i<ar.length;i++) {

            for(int j=i+1;j<ar.length;j++) {
                if(ar[i]<ar[j]) {
                    int temp=ar[i];
                    ar[i]=ar[j];
                    ar[j]=temp;
                }
            }
        }
            System.out.println(ar[0]);
    }
}

```

Console

<terminated> Sam

800

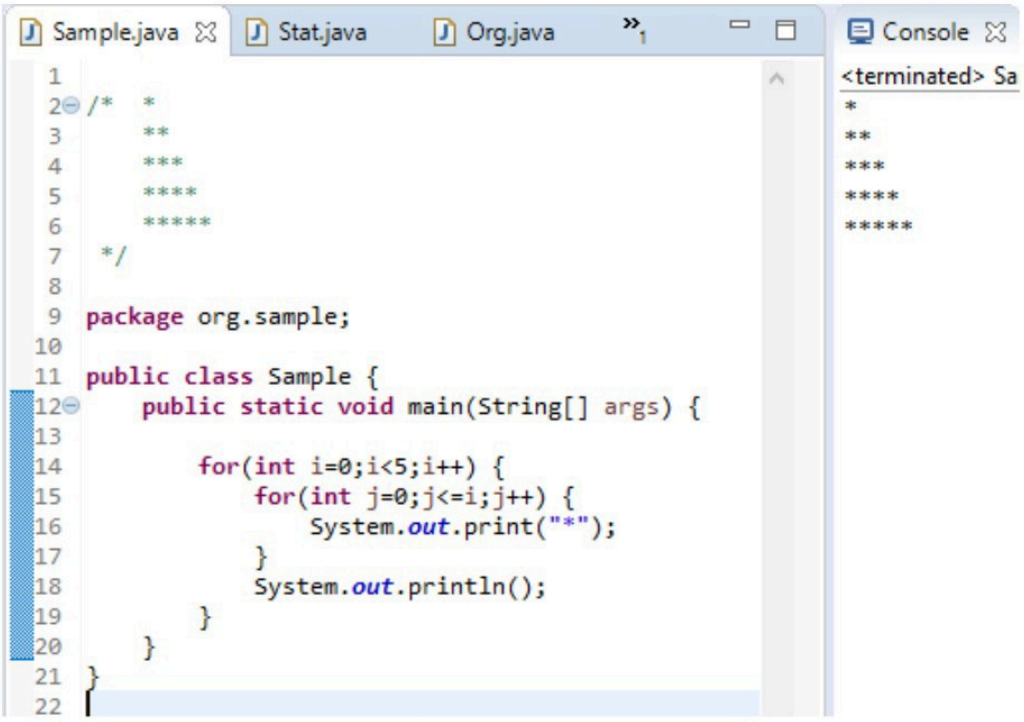
Sample.java

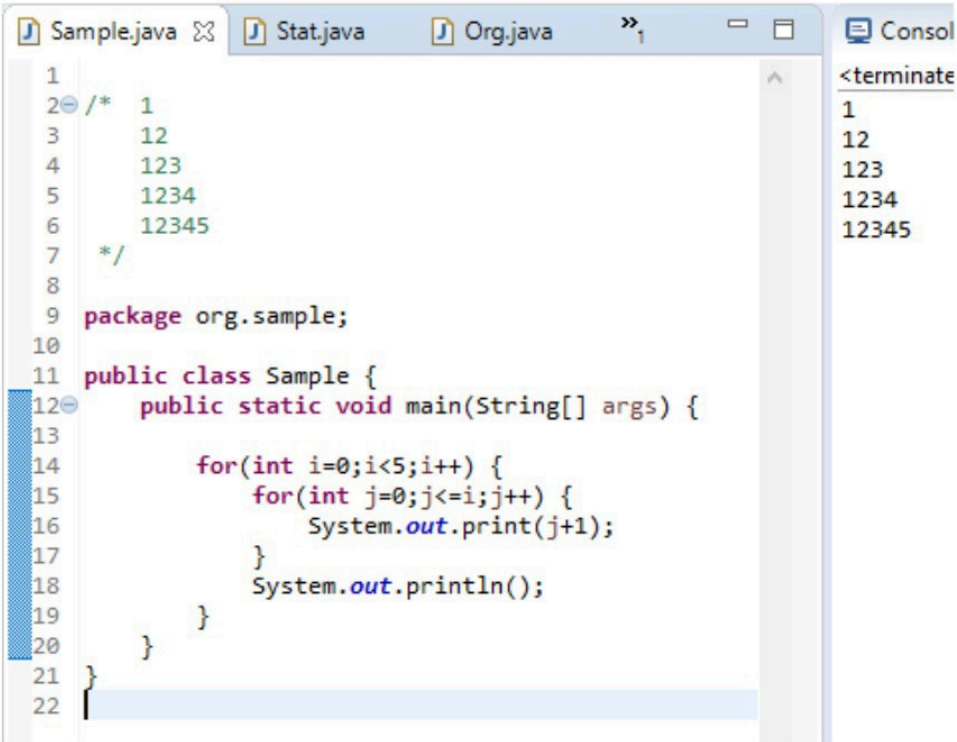
```java

//minimum number in array

package org.sample;

public class Sample {

    public static void main(String[] args) {
        int [] ar=new int[5];
        ar[0]=100;
        ar[1]=200;
        ar[2]=500;
        ar[3]=400;
        ar[4]=800;

        for(int i=0;i<ar.length;i++) {

            for(int j=i+1;j<ar.length;j++) {
                if(ar[i]>ar[j]) {
                    int temp=ar[i];
                    ar[i]=ar[j];
                    ar[j]=temp;
                }
            }
        }
            System.out.println(ar[0]);
    }
}

```

Console

<terminated> Sam

100


Sample.java
Stat.java
Org.java
Console
<terminated> Sa
*
**
***
****
*****
/*
*
**
***
****
*****
*/
package org.sample;
public class Sample {
public static void main(String[] args) {
for(int i=0;i<5;i++) {
for(int j=0;j<=i;j++) {
System.out.print("*");
}
System.out.println();
}
}
}


Sample.java
Stat.java
Org.java
Consol
<terminate
1
12
123
1234
12345
/*
1
12
123
1234
12345
*/
package org.sample;
public class Sample {
public static void main(String[] args) {
for(int i=0;i<5;i++) {
for(int j=0;j<=i;j++) {
System.out.print(j+1);
}
System.out.println();
}
}
}

Sample.java

```java
//check armstrong or not

package org.sample;

public class Sample {

    public static void main(String[] args) {
        int num =153;
        int temp=num;
        int arm=0;
        while(num>0) {
            int n=num%10;
            arm=arm+(n*n*n);
            num/=10;
        }
        if(arm==temp) {
            System.out.println("Armstrong Number");
        }
        else {
            System.out.println("Not a armstrong number");
        }
    }
}
```

Console

```
<terminated> Sample (1)
Armstrong Number
```

*Sample.java

```java
//sum of digits

package org.sample;

public class Sample {

    public static void main(String[] args) {
        int num =12321;
        int sum=0;
        while(num>0) {
            int n=num%10;
            sum=sum+n;
            num/=10;
        }
        System.out.println("sum of digits in the given number=>"+sum);
    }
}
```

Console

```
<terminated> Sample (1) [Java Application] C:\Proc
sum of digits in the given number=>9
```

Sample.java

```java
//swap two num with 3rd variable

package org.sample;

public class Sample {

    public static void main(String[] args) {
        int a=10;
        int b=20;
        System.out.println("a="+a);
        System.out.println("b="+b);
        int temp =a;
        a=b;
        b=temp;
        System.out.println("a="+a);
        System.out.println("b="+b);
    }
}
```

Console

```
<terminated> San
a=10
b=20
a=20
b=10
```

Sample.java

```java

//reverse the number 123

package org.sample;

public class Sample {

    public static void main(String[] args) {
        int num =123;
        int rev=0;
        while(num>0) {
            int n=num%10;
            rev=(rev*10)+n;
            num/=10;
        }
        System.out.println(rev);
    }
}

```

Console

```
<terminated> Sample (
321
```

Sample.java

```java

//check palindrome number

package org.sample;

public class Sample {

    public static void main(String[] args) {
        int num =12321;
        int temp=num;
        int rev=0;
        while(num>0) {
            int n=num%10;
            rev=(rev*10)+n;
            num/=10;
        }
        if(rev==temp) {
            System.out.println("palindrome number");
        }
        else {
            System.out.println("not a palindrome number");
        }

    }
}

```

Console

```
<terminated> Sample (1) [Ja
palindrome number
```

Sample.java

```java

//count number of digit

package org.sample;

public class Sample {

    public static void main(String[] args) {
        int num =12321;
        int count=0;
        while(num>0) {
            count++;
            num/=10;
        }
        System.out.println("number of digits in the given number=>"+count);
    }
}

```

Console

```
<terminated> Sample (1) [Java Application] C:\Program
number of digits in the given number=>5
```

Sample.java

```java
//count even number from 1 to 100

package org.sample;

public class Sample {

    public static void main(String[] args) {
        int count =0;
        for (int i=1;i<=300;i++) {
            if(i%2==0) {
                count++;
            }
        }
        System.out.println(count);
    }
}
```

Console

```
<terminated> Sample (1) [Java Applica
150
```

Sample.java

```java
//print even sum from 1 to 90

package org.sample;

public class Sample {

    public static void main(String[] args) {
        int sum =0;
        for (int i=1;i<=90;i++) {
            if(i%2==0) {
                sum+=i;
            }
        }
        System.out.println(sum);
    }
}
```

Console

```
<terminated> Samp
2070
```

Sample.java

```java
//print odd sum from 1 to 80

package org.sample;

public class Sample {

    public static void main(String[] args) {
        int sum =0;
        for (int i=1;i<=80;i++) {
            if(i%2!=0) {
                sum+=i;
            }
        }
        System.out.println(sum);
    }
}
```

Console

```
<terminated> Sample (1
1600
```

Sample.java

```java

//swap two num without 3rd variable

package org.sample;

public class Sample {

    public static void main(String[] args) {
        int a=10;
        int b=20;
        System.out.println("a="+a);
        System.out.println("b="+b);
        a=a+b;
        b=a-b;
        a=a-b;
        System.out.println("a="+a);
        System.out.println("b="+b);
    }
}
```

Console

<terminated> Sampl

```
a=10
b=20
a=20
b=10
```

Sample.java

```java

//Factorial of the number 5

package org.sample;

public class Sample {

    public static void main(String[] args) {
        int a=5;

        int fact=1;
        while (a>0) {
            fact=fact*a;
            a-=1;
        }
        System.out.println(fact);
    }
}
```

Console

<terminated> Sam

```
120
```

Kindly Follow @Hariskumar