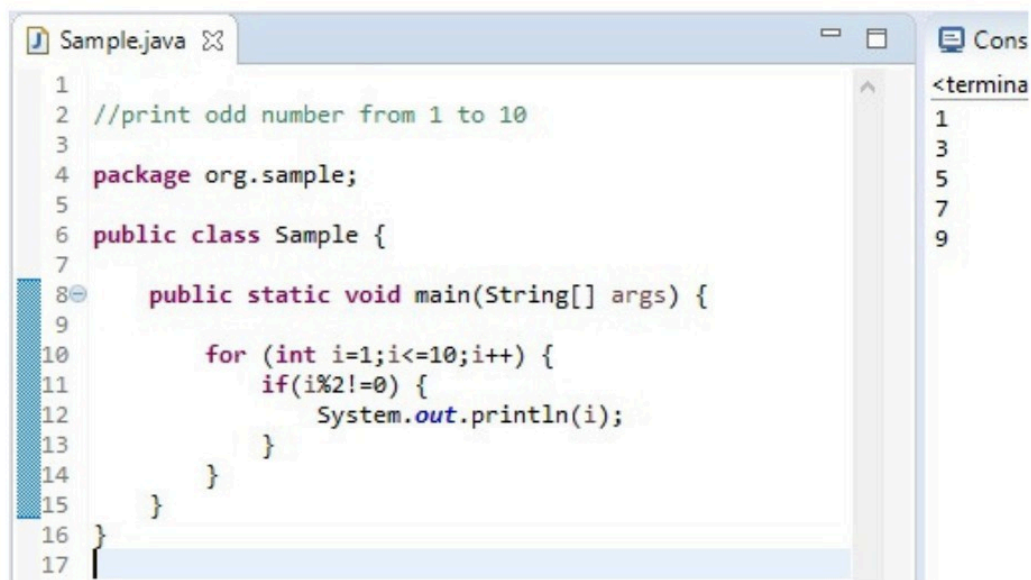


The screenshot shows an IDE with two panels. The left panel displays the code for `Sample.java`, which checks if the number 11 is odd or even. The right panel shows the console output, indicating the program has terminated and printed "11 is odd number".

```
1 //check odd or even
2
3
4 package org.sample;
5
6 public class Sample {
7
8     public static void main(String[] args) {
9
10         int a=11;
11
12         if(a%2==0) {
13             System.out.println(a+" is even number");
14         }
15         else {
16             System.out.println(a+" is odd number");
17         }
18     }
19 }
20
```

Console Output:

```
<terminated> Sample (1) [Java Application] C:\P
11 is odd number
```



The screenshot shows an IDE with two panels. The left panel displays the code for `Sample.java`, which prints odd numbers from 1 to 10. The right panel shows the console output, listing the odd numbers 1, 3, 5, 7, and 9.

```
1 //print odd number from 1 to 10
2
3
4 package org.sample;
5
6 public class Sample {
7
8     public static void main(String[] args) {
9
10         for (int i=1;i<=10;i++) {
11             if(i%2!=0) {
12                 System.out.println(i);
13             }
14         }
15     }
16 }
17
```

Console Output:

```
<termina
1
3
5
7
9
```

@ Harishkumar

```
Sample.java
1 //2nd maximum number in array
2
3
4 package org.sample;
5
6 public class Sample {
7
8     public static void main(String[] args) {
9         int [] ar=new int[5];
10        ar[0]=100;
11        ar[1]=200;
12        ar[2]=500;
13        ar[3]=400;
14        ar[4]=800;
15
16        for(int i=0;i<ar.length;i++) {
17
18            for(int j=i+1;j<ar.length;j++) {
19                if(ar[i]>ar[j]) {
20                    int temp=ar[i];
21                    ar[i]=ar[j];
22                    ar[j]=temp;
23                }
24            }
25        }
26        System.out.println(ar[1]);
27    }
28 }
29
```

Console

<terminated> Sar
200

```
*Sample.java
1 //3rd minimum number in array
2
3
4 package org.sample;
5
6 public class Sample {
7
8     public static void main(String[] args) {
9         int [] ar=new int[5];
10        ar[0]=100;
11        ar[1]=200;
12        ar[2]=500;
13        ar[3]=400;
14        ar[4]=800;
15
16        for(int i=0;i<ar.length;i++) {
17
18            for(int j=i+1;j<ar.length;j++) {
19                if(ar[i]<ar[j]) {
20                    int temp=ar[i];
21                    ar[i]=ar[j];
22                    ar[j]=temp;
23                }
24            }
25        }
26        System.out.println(ar[2]);
27    }
28 }
29
```

Console

<terminated> Sar
400

```
1 //reverse each word in the string
2
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         System.out.println(s2);
21     }
22 }
23
24
```

<terminated> Sample (1) [Java]
emoclew ot avaj ssalc

```
7 public class Sample {
8     public static void main(String[] args) {
9         int i=5;
10        switch(i) {
11            case 1:
12                System.out.println("One");
13                break;
14            case 2:
15                System.out.println("One");
16                break;
17            case 3:
18                System.out.println("three");
19                break;
20            case 4:
21                System.out.println("four");
22                break;
23            case 5:
24                System.out.println("five");
25                break;
26            case 6:
27                System.out.println("six");
28                break;
29            case 7:
30                System.out.println("seven");
31                break;
32            case 8:
33                System.out.println("eight");
34                break;
35            case 9:
36                System.out.println("nine");
37                break;
38            case 0:
39                System.out.println("zero");
40                break;
41            default:
42                System.out.println("enter valid number");
43        }
44    }
45 }
```

<terminated> Sam
five

```
*Sample.java *Stat.java String_Mathematics.java Org.java Console
1 //count of all caps small digits special count with special methods
2
3 package org.sample;
4
5 public class Sample {
6     public static void main(String[] args) {
7         String s1="Azarara321@gmail.com";
8         int s=0,c=0,n=0,ch=0;
9         String small="",caps="",digit="",spcl="";
10        for(int i=0;i<s1.length();i++) {
11            char a = s1.charAt(i);
12            if(Character.isLowerCase(a)) {
13                s++;
14                small=small+a;
15            }
16            else if(Character.isUpperCase(a)) {
17                c++;
18                caps=caps+a;
19            }
20            else if(Character.isDigit(a)) {
21                n++;
22                digit=digit+a;
23            }
24            else {
25                ch++;
26                spcl=spcl+a;
27            }
28        }
29        System.out.println("Small==>"+s+"==>"+small);
30        System.out.println("Capital==>"+c+"==>"+caps);
31        System.out.println("Digit==>"+n+"==>"+digit);
32        System.out.println("Special Character==>"+ch+"==>"+spcl);
33    }
34 }
35 }
```

<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 Console
1 //convert first letter of the each word should be in caps
2
3 package org.sample;
4
5 public class Sample {
6     public static void main(String[] args) {
7         String s1="welcome to java class";
8         String s2="";
9         String[] s3 = s1.split(" ");
10        for(String s4:s3) {
11            char ch = s4.charAt(0);
12            char a = Character.toUpperCase(ch);
13            String b = s4.substring(1);
14            s2=s2+a+b+" ";
15        }
16        System.out.println(s2);
17    }
18 }
19
20 }
21 }
```

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


```
Sample.java Stat.java Org.java »
1 //print duplicates in array
2
3 package org.sample;
4
5 public class Sample {
6     public static void main(String[] args) {
7         int [] ar=new int[7];
8         ar[0]=4;
9         ar[1]=3;
10        ar[2]=3;
11        ar[3]=6;
12        ar[4]=4;
13        ar[5]=1;
14        ar[6]=2;
15        for(int i=0;i<ar.length;i++) {
16            for(int j=i+1;j<ar.length;j++)
17                if(ar[i]==ar[j]) {
18                    System.out.println(ar[i]);
19                }
20        }
21    }
22 }
23
24
```

Console

<terminated> Sam
4
3

```
*Sample.java Stat.java Org.java »
1 //print uniq num in array
2
3 package org.sample;
4
5 import java.util.*;
6
7 public class Sample {
8     public static void main(String[] args) {
9         int[] ar=new int[7];
10        ar[0]=4;
11        ar[1]=3;
12        ar[2]=3;
13        ar[3]=6;
14        ar[4]=4;
15        ar[5]=1;
16        ar[6]=2;
17
18        Set<Integer> arlist = new TreeSet<>();
19        for(int i=0;i<ar.length;i++) {
20            arlist.add(ar[i]);
21        }
22        System.out.println(arlist);
23    }
24 }
25
26
```

Console

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

```
Sample.java Stat.java String_Mathematics.... Org.java »
1 //remove duplicate from string
2
3 package org.sample;
4
5 import java.util.*;
6 import java.util.Map.Entry;
7
8 public class Sample {
9     public static void main(String[] args) {
10        String s1="welcome to java";
11        String s2 = s1.replace(" ", "");
12        String s="";
13        System.out.println(s2);
14        char[] ch = s2.toCharArray();
15        Map<Character,Integer> mp=new LinkedHashMap<>();
16        for(int i=0;i<ch.length;i++) {
17            if(mp.containsKey(ch[i])) {
18            }
19            else {
20                mp.put(ch[i], 1);
21            }
22        }
23        Set<Entry<Character, Integer>> entrySet = mp.entrySet();
24        for (Entry<Character, Integer> entry : entrySet) {
25            s=s+entry.getKey();
26        }
27        System.out.println(s);
28    }
29 }
30
31
32
```

Console

<terminated> Sampl
welcometojava
welcometjav

```
*Sample.java
1 //print vowel count
2
3
4 package org.sample;
5
6 public class Sample {
7
8     public static void main(String[] args) {
9         String s="welcome to java class today";
10        char[] ch = s.toCharArray();
11        int count=0;
12        for(int i=0;i<ch.length;i++) {
13            char c = ch[i];
14            if(c=='a' || c=='e' || c=='i' || c=='o' || c=='u' || c=='A' || c=='E' || c=='I' || c=='O' || c=='U') {
15                count++;
16            }
17        }
18        System.out.println(count);
19    }
20 }
21
```

Console

<terminated> Si
9

```
*Sample.java
1 //print vowel values in the string
2
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=='e' || c=='i' || c=='o' || c=='u' || c=='A' || c=='E' || c=='I' || c=='O' || c=='U') {
18                 if(mp.containsKey(c)) {
19                     Integer inte = mp.get(ch[i]);
20                     mp.put(c, inte+1);
21                 }
22                 else {
23                     mp.put(c, 1);
24                 }
25             }
26         }
27         Set<Entry<Character,Integer>> entrySet = mp.entrySet();
28         for (Entry<Character, Integer> entry : entrySet) {
29             System.out.println(entry);
30         }
31     }
32 }
33
```

Console

<terminated> Sam
a=4
e=2
o=3

```
Sample.java
1 //print consonant count in the string
2
3
4 package org.sample;
5
6 public class Sample {
7     public static void main(String[] args) {
8         String s="welcome to java class today";
9         char[] ch = s.toCharArray();
10        int count=0;
11        for(int i=0;i<ch.length;i++) {
12            char c = ch[i];
13            if((c>='a'&&c<='z') || (c>='A'&&c<='Z')) {
14                if(!(c=='a' || c=='e' || c=='i' || c=='o' || c=='u' || c=='A' || c=='E' || c=='I' || c=='O' || c=='U')) {
15                    count++;
16                }
17            }
18        }
19        System.out.println(count);
20    }
21 }
22
23
24
```

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 }
38 }
```

Console

<terminated> Stat [Java Application] C:\

Small==>14==>azararagmailcom
Capital==>1==>A
Digit==>3==>321
Special Character==>2

```
Sample.java Stat.java String_Mathamatics.java Org.java Console
1 //increase the current date by 10
2
3
4 package org.sample;
5
6 import java.text.ParseException;
7 import java.text.SimpleDateFormat;
8 import java.util.Calendar;
9
10 public class Sample {
11     public static void main(String[] args) throws ParseException {
12         String dt = "2020-20-28";
13         SimpleDateFormat sdf = new SimpleDateFormat("yyyy-MM-dd");
14         Calendar c = Calendar.getInstance();
15         c.setTime(sdf.parse(dt));
16         c.add(Calendar.DATE, 10);
17         dt = sdf.format(c.getTime());
18         System.out.println(dt);
19     }
20 }
21
```

<terminated> Samp
2021-09-07

```
Sample.java Stat.java String_Mathamatics.java Org.java Console
1 //increase the current month by 2
2
3
4 package org.sample;
5
6 import java.text.ParseException;
7 import java.text.SimpleDateFormat;
8 import java.util.Calendar;
9
10 public class Sample {
11     public static void main(String[] args) throws ParseException {
12         String dt = "2020-10-28";
13         SimpleDateFormat sdf = new SimpleDateFormat("yyyy-MM-dd");
14         Calendar c = Calendar.getInstance();
15         c.setTime(sdf.parse(dt));
16         c.add(Calendar.MONTH, 2);
17         dt = sdf.format(c.getTime());
18         System.out.println(dt);
19     }
20 }
21
```

<terminated> Sample
2020-12-28

```
Sample.java Stat.java String_Mathamatics.java Org.java Console
1 //increase the current year by 3
2
3
4 package org.sample;
5
6 import java.text.ParseException;
7 import java.text.SimpleDateFormat;
8 import java.util.Calendar;
9
10 public class Sample {
11     public static void main(String[] args) throws ParseException {
12         String dt = "2020-10-28";
13         SimpleDateFormat sdf = new SimpleDateFormat("yyyy-MM-dd");
14         Calendar c = Calendar.getInstance();
15         c.setTime(sdf.parse(dt));
16         c.add(Calendar.YEAR, 3);
17         dt = sdf.format(c.getTime());
18         System.out.println(dt);
19     }
20 }
21
```

<terminated> Sam
2023-10-28


```
Sample.java x
1
2 //reverse the string
3
4 package org.sample;
5
6 public class Sample {
7
8     public static void main(String[] args) {
9         String s="hello";
10        String rev="";
11        for(int i=s.length()-1;i>=0;i--) {
12            rev=rev+s.charAt(i);
13        }
14        System.out.println(rev);
15    }
16 }
17
```

Console x

<terminated> Samp
olleh

```
Sample.java x
1
2 //palindrome of string
3
4 package org.sample;
5
6 public class Sample {
7
8     public static void main(String[] args) {
9         String s="malayalam";
10        String rev="";
11        for(int i=s.length()-1;i>=0;i--) {
12            rev=rev+s.charAt(i);
13        }
14        if(s.equals(rev)) {
15            System.out.println("Palindrome");
16        }
17        else {
18            System.out.println("not a palindrome");
19        }
20    }
21 }
22
```

Console x

<terminated> Sam
Palindrome

```
Sample.java 
1
2 //print even number from 1 to 600
3
4 package org.sample;
5
6 public class Sample {
7
8     public static void main(String[] args) {
9
10         for (int i=1;i<=600;i++) {
11             if(i%2==0) {
12                 System.out.println(i);
13             }
14         }
15     }
16 }
17
```

```
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 
1
2 //count odd number from 1 to 100
3
4 package org.sample;
5
6 public class Sample {
7
8     public static void main(String[] args) {
9         int count =0;
10         for (int i=1;i<=100;i++) {
11             if(i%2!=0) {
12                 count++;
13             }
14         }
15         System.out.println(count);
16     }
17 }
18
```

```
Console 
<terminated> Sample (
50
```

```
*Sample.java
1
2 //check the number is prime or not
3
4 package org.sample;
5
6 public class Sample {
7
8     public static void main(String[] args) {
9         int a=13;
10        int count = 0;
11        for(int i=2;i<=a/2;i++) {
12            if(a%i==0) {
13                count++;
14            }
15        }
16        if(count==0) {
17            System.out.println("Prime number");
18        }
19        else {
20            System.out.println("Not a prime numebr");
21        }
22    }
23 }
24
```

Console

<terminated> Sample
Prime number

```
Sample.java
1
2 //print prime number from 1 to 50
3
4 package org.sample;
5
6 public class Sample {
7
8     public static void main(String[] args) {
9         for(int i=1;i<=50;i++) {
10            int count = 0;
11            for(int j=2;j<=i/2;j++) {
12                if(i%j==0) {
13                    count++;
14                }
15            }
16            if(count==0) {
17                System.out.println(i);
18            }
19        }
20    }
21 }
22
```

Console

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

```
Sample.java
1
2 //remove duplicates in array
3
4 package org.sample;
5
6 import java.util.LinkedHashSet;
7 import java.util.Set;
8
9 public class Sample {
10
11     public static void main(String[] args) {
12         int [] ar=new int[8];
13         ar[0]=10;
14         ar[1]=20;
15         ar[2]=50;
16         ar[3]=10;
17         ar[4]=10;
18         ar[5]=40;
19         ar[6]=20;
20         ar[7]=30;
21
22         Set<Integer> s=new LinkedHashSet<Integer>();
23         for(int i=0;i<ar.length;i++) {
24             s.add(ar[i]);
25         }
26         for (Integer arrr : s) {
27             System.out.println(arrr);
28         }
29     }
30 }
31
```

Console

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

```
*Sample.java
1
2 //print number of character
3
4 package org.sample;
5
6 public class Sample {
7
8     public static void main(String[] args) {
9         String s="welcome@123";
10        char[] ch = s.toCharArray();
11        int length = ch.length;
12        System.out.println("number of characters in string -"+length);
13    }
14 }
15
```

Console

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

```
Sample.java
1
2 //print number of words
3
4 package org.sample;
5
6 public class Sample {
7
8     public static void main(String[] args) {
9         String s="welcome to java class today";
10        String[] ch = s.split(" ");
11        int length = ch.length;
12        System.out.println("number of words in string ->"+length);
13    }
14 }
15
```

Console

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



```
Sample.java Stat.java Org.java »
1
2 //get number and print it in words
3
4 package org.sample;
5
6 public class Sample {
7     public static void main(String[] args) {
8         String s="Welcome";
9         String s1="";
10        String rev="";
11        char[] ch = s.toCharArray();
12        for (int i=0;i<ch.length;i++) {
13            char c = ch[i];
14            if(c>='a'&&c<='z') {
15                char up = Character.toUpperCase(c);
16                s1=s1+up;
17            }
18            else {
19                s1=s1+c;
20            }
21        }
22        System.out.println(s1);
23        char[] ch2 = s1.toCharArray();
24        for(int i=ch2.length-1;i>=0;i--) {
25            char revnum = ch2[i];
26            rev=rev+revnum;
27        }
28        System.out.println(rev);
29    }
30 }
31
```

Console

<terminated> Sam
WELCOME
EMOCLEW

```
*Sample.java Stat.java Org.java »
1
2 //print only numbers in the string
3
4 package org.sample;
5
6 public class Sample {
7     public static void main(String[] args) {
8         String s="hello123hai";
9         String s2="";
10        char[] ch = s.toCharArray();
11        for(int i=0;i<ch.length;i++) {
12            char c = ch[i];
13            if(c>='0'&&c<='9') {
14                s2=s2+c;
15            }
16        }
17        System.out.println(s2);
18    }
19 }
20
```

Console

<terminated> Sam
123

```
Sample.java
1 //ascending order in array
2
3
4 package org.sample;
5
6 public class Sample {
7
8     public static void main(String[] args) {
9         int [] ar=new int[5];
10         ar[0]=800;
11         ar[1]=200;
12         ar[2]=500;
13         ar[3]=400;
14         ar[4]=100;
15
16         for(int i=0;i<ar.length;i++) {
17
18             for(int j=i+1;j<ar.length;j++) {
19                 if(ar[i]>ar[j]) {
20                     int temp=ar[i];
21                     ar[i]=ar[j];
22                     ar[j]=temp;
23                 }
24             }
25         }
26         for(int i=0;i<ar.length;i++) {
27             System.out.println(ar[i]);
28         }
29     }
30 }
31
```

Console

<terminated> Sam

100
200
400
500
800

```
Sample.java
1 //descending order in array
2
3
4 package org.sample;
5
6 public class Sample {
7
8     public static void main(String[] args) {
9         int [] ar=new int[5];
10         ar[0]=100;
11         ar[1]=200;
12         ar[2]=500;
13         ar[3]=400;
14         ar[4]=800;
15
16         for(int i=0;i<ar.length;i++) {
17
18             for(int j=i+1;j<ar.length;j++) {
19                 if(ar[i]<ar[j]) {
20                     int temp=ar[i];
21                     ar[i]=ar[j];
22                     ar[j]=temp;
23                 }
24             }
25         }
26         for(int i=0;i<ar.length;i++) {
27             System.out.println(ar[i]);
28         }
29     }
30 }
31
```

Console

<terminated> San

800
500
400
200
100

```
Sample.java Stat.java Org.java »_ Console
1
2 /* 1
3    23
4    456
5    78910
6 */
7
8 package org.sample;
9
10 public class Sample {
11     public static void main(String[] args) {
12         int n=1;
13         for(int i=1;i<=4;i++) {
14             for(int j=1;j<=i;j++) {
15                 System.out.print(n++);
16             }
17             System.out.println();
18         }
19     }
20 }
```

<terminated> Sa
1
23
456
78910

```
Sample.java Stat.java Org.java »_ Console
1
2 /* *****
3    *****
4    *****
5    ****
6    ***
7    **
8    *
9 */
10
11 package org.sample;
12
13 public class Sample {
14     public static void main(String[] args) {
15         for(int i=1;i<=5;i++) {
16             for(int j=1;j<=5-i+1;j++) {
17                 System.out.print(" ");
18             }
19             System.out.println();
20         }
21     }
22 }
```

<terminated> Sa

**
*

```
*Sample.java
1
2 //maximum number in array
3
4 package org.sample;
5
6 public class Sample {
7
8     public static void main(String[] args) {
9         int [] ar=new int[5];
10         ar[0]=100;
11         ar[1]=200;
12         ar[2]=500;
13         ar[3]=400;
14         ar[4]=800;
15
16         for(int i=0;i<ar.length;i++) {
17
18             for(int j=i+1;j<ar.length;j++) {
19                 if(ar[i]<ar[j]) {
20                     int temp=ar[i];
21                     ar[i]=ar[j];
22                     ar[j]=temp;
23                 }
24             }
25         }
26         System.out.println(ar[0]);
27     }
28 }
29
```

Console

<terminated> Sam
800

```
Sample.java
1
2 //minimum number in array
3
4 package org.sample;
5
6 public class Sample {
7
8     public static void main(String[] args) {
9         int [] ar=new int[5];
10         ar[0]=100;
11         ar[1]=200;
12         ar[2]=500;
13         ar[3]=400;
14         ar[4]=800;
15
16         for(int i=0;i<ar.length;i++) {
17
18             for(int j=i+1;j<ar.length;j++) {
19                 if(ar[i]>ar[j]) {
20                     int temp=ar[i];
21                     ar[i]=ar[j];
22                     ar[j]=temp;
23                 }
24             }
25         }
26         System.out.println(ar[0]);
27     }
28 }
29
```

Console

<terminated> Sam
100


```
Sample.java Stat.java Org.java »_ Console
1
2 /* *
3  **
4  ***
5  ****
6  *****
7  */
8
9 package org.sample;
10
11 public class Sample {
12     public static void main(String[] args) {
13
14         for(int i=0;i<5;i++) {
15             for(int j=0;j<=i;j++) {
16                 System.out.print("*");
17             }
18             System.out.println();
19         }
20     }
21 }
22
```

<terminated> Sa
*
**


```
Sample.java Stat.java Org.java »_ Consol
1
2 /* 1
3    12
4    123
5    1234
6    12345
7    */
8
9 package org.sample;
10
11 public class Sample {
12     public static void main(String[] args) {
13
14         for(int i=0;i<5;i++) {
15             for(int j=0;j<=i;j++) {
16                 System.out.print(j+1);
17             }
18             System.out.println();
19         }
20     }
21 }
22
```

<terminate
1
12
123
1234
12345

```
Sample.java
1 //check armstrong or not
2
3
4 package org.sample;
5
6 public class Sample {
7
8     public static void main(String[] args) {
9         int num =153;
10        int temp=num;
11        int arm=0;
12        while(num>0) {
13            int n=num%10;
14            arm=arm+(n*n*n);
15            num/=10;
16        }
17        if(arm==temp) {
18            System.out.println("Armstrong Number");
19        }
20        else {
21            System.out.println("Not a armstrong number");
22        }
23    }
24 }
25
```

Console

<terminated> Sample (1)
Armstrong Number

```
*Sample.java
1 //sum of digits
2
3
4 package org.sample;
5
6 public class Sample {
7
8     public static void main(String[] args) {
9         int num =12321;
10        int sum=0;
11        while(num>0) {
12            int n=num%10;
13            sum=sum+n;
14            num/=10;
15        }
16        System.out.println("sum of digits in the given number=>" +sum);
17    }
18 }
19
```

Console

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

```
Sample.java
1 //swap two num with 3rd variable
2
3
4 package org.sample;
5
6 public class Sample {
7
8     public static void main(String[] args) {
9         int a=10;
10        int b=20;
11        System.out.println("a="+a);
12        System.out.println("b="+b);
13        int temp =a;
14        a=b;
15        b=temp;
16        System.out.println("a="+a);
17        System.out.println("b="+b);
18    }
19 }
20
```

Console

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

```
Sample.java
1
2 //reverse the number 123
3
4 package org.sample;
5
6 public class Sample {
7
8     public static void main(String[] args) {
9         int num =123;
10        int rev=0;
11        while(num>0) {
12            int n=num%10;
13            rev=(rev*10)+n;
14            num/=10;
15        }
16        System.out.println(rev);
17    }
18 }
19
```

Console

<terminated> Sample (

321

```
Sample.java
1
2 //check palindrome number
3
4 package org.sample;
5
6 public class Sample {
7
8     public static void main(String[] args) {
9         int num =12321;
10        int temp=num;
11        int rev=0;
12        while(num>0) {
13            int n=num%10;
14            rev=(rev*10)+n;
15            num/=10;
16        }
17        if(rev==temp) {
18            System.out.println("palindrome number");
19        }
20        else {
21            System.out.println("not a palindrome number");
22        }
23    }
24 }
25 }
26
```

Console

<terminated> Sample (1) [Ja

palindrome number

```
Sample.java
1
2 //count number of digit
3
4 package org.sample;
5
6 public class Sample {
7
8     public static void main(String[] args) {
9         int num =12321;
10        int count=0;
11        while(num>0) {
12            count++;
13            num/=10;
14        }
15        System.out.println("number of digits in the given number=>"+count);
16    }
17 }
18
```

Console

<terminated> Sample (1) [Java Application] C:\Program

number of digits in the given number=>5

```
Sample.java Console
1 //count even number from 1 to 100
2
3
4 package org.sample;
5
6 public class Sample {
7
8     public static void main(String[] args) {
9         int count = 0;
10        for (int i=1;i<=300;i++) {
11            if(i%2==0) {
12                count++;
13            }
14        }
15        System.out.println(count);
16    }
17 }
18
```

<terminated> Sample (1) [Java Applica
150

```
Sample.java Console
1 //print even sum from 1 to 90
2
3
4 package org.sample;
5
6 public class Sample {
7
8     public static void main(String[] args) {
9         int sum = 0;
10        for (int i=1;i<=90;i++) {
11            if(i%2==0) {
12                sum+=i;
13            }
14        }
15        System.out.println(sum);
16    }
17 }
18
```

<terminated> Samp
2070

```
Sample.java Console
1 //print odd sum from 1 to 80
2
3
4 package org.sample;
5
6 public class Sample {
7
8     public static void main(String[] args) {
9         int sum = 0;
10        for (int i=1;i<=80;i++) {
11            if(i%2!=0) {
12                sum+=i;
13            }
14        }
15        System.out.println(sum);
16    }
17 }
18
```

<terminated> Sample (1
1600

Sample.java

```
1
2 //swap two num without 3rd variable
3
4 package org.sample;
5
6 public class Sample {
7
8     public static void main(String[] args) {
9         int a=10;
10        int b=20;
11        System.out.println("a="+a);
12        System.out.println("b="+b);
13        a=a+b;
14        b=a-b;
15        a=a-b;
16        System.out.println("a="+a);
17        System.out.println("b="+b);
18    }
19 }
20
```

Console

<terminated> Sampl
a=10
b=20
a=20
b=10

Sample.java

```
1
2 //Factorial of the number 5
3
4 package org.sample;
5
6 public class Sample {
7
8     public static void main(String[] args) {
9         int a=5;
10
11        int fact=1;
12        while (a>0) {
13            fact=fact*a;
14            a-=1;
15        }
16        System.out.println(fact);
17    }
18 }
19
```

Console

<terminated> Sam
120



Kindly Follow ☐ @Hariskumar

