

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

```
Sample.java
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
```

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

```
Sample.java  Console
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
```

<terminated> Sample (1) [Ja
530
532
534
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588
590
592
594
596
598
600

```
Sample.java  Console
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
```

<terminated> Sample (
50

```
Sample.java
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
```

Console

<terminated> Sample (1) [Java Applica
150

```
Sample.java
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
```

Console

<terminated> Samp
2070

```
Sample.java
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
```

Console

<terminated> Sample (1
1600

```
Sample.java Console
1 //reverse the number 123
2
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
```

<terminated> Sample (
321

```
Sample.java Console
1 //check palindrome number
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 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
```

<terminated> Sample (1) [Ja
palindrome number

```
Sample.java Console
1 //count number of digit
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 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
```

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

```
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 //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

```
*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 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 x
1
2 //ascending order 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]=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             for(int j=i+1;j<ar.length;j++) {
18                 if(ar[i]>ar[j]) {
19                     int temp=ar[i];
20                     ar[i]=ar[j];
21                     ar[j]=temp;
22                 }
23             }
24         }
25         for(int i=0;i<ar.length;i++) {
26             System.out.println(ar[i]);
27         }
28     }
29 }
30
31
```

Console x

<terminated> Sam

100
200
400
500
800

```
Sample.java x
1
2 //descending order 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             for(int j=i+1;j<ar.length;j++) {
18                 if(ar[i]<ar[j]) {
19                     int temp=ar[i];
20                     ar[i]=ar[j];
21                     ar[j]=temp;
22                 }
23             }
24         }
25         for(int i=0;i<ar.length;i++) {
26             System.out.println(ar[i]);
27         }
28     }
29 }
30
31
```

Console x

<terminated> San

800
500
400
200
100

```
*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
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

```
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
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> S: 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_Mathematics.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_Mathematics.java Org.java Console
1
2 //count of all caps small digits special count with special methods
3
4 package org.sample;
5
6 public class Sample {
7     public static void main(String[] args) {
8         String s1="Azarara321@gmail.com";
9         int s=0,c=0,n=0,ch=0;
10        String small="",caps="",digit="",spcl="";
11        for(int i=0;i<s1.length();i++) {
12            char a = s1.charAt(i);
13            if(Character.isLowerCase(a)) {
14                s++;
15                small=small+a;
16            }
17            else if(Character.isUpperCase(a)) {
18                c++;
19                caps=caps+a;
20            }
21            else if(Character.isDigit(a)) {
22                n++;
23                digit=digit+a;
24            }
25            else {
26                ch++;
27                spcl=spcl+a;
28            }
29        }
30        System.out.println("Small==>"+s+"==>"+small);
31        System.out.println("Capital==>"+c+"==>"+caps);
32        System.out.println("Digit==>"+n+"==>"+digit);
33        System.out.println("Special Character==>"+ch+"==>"+spcl);
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
2 //convert first letter of the each word should be in caps
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        String[] s3 = s1.split(" ");
11        for(String s4:s3) {
12            char ch = s4.charAt(0);
13            char a = Character.toUpperCase(ch);
14            String b = s4.substring(1);
15            s2=s2+a+b+" ";
16        }
17        System.out.println(s2);
18    }
19 }
20 }
21 }
```

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

```
*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         System.out.println(s2);
21     }
22 }
23
24
```

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

```
Sample.java Stat.java String_Matham... Org.java Console
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 Org.java »_ Console
1 //get number and print it in words
2
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
```

<terminated> Sam
WELCOME
EMOCLEW

```
*Sample.java Stat.java Org.java »_ Console
1 //print only numbers in the string
2
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
```

<terminated> Sam
123

```
Sample.java Stat.java Org.java »_
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
```

Console

<terminated> Sa

*
**


```
Sample.java Stat.java Org.java »_
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
```

Console

<terminate

1
12
123
1234
12345

```
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 package org.sample;
10
11 public class Sample {
12     public static void main(String[] args) {
13         for(int i=1;i<=5;i++) {
14             for(int j=1;j<=5-i+1;j++) {
15                 System.out.print("*");
16             }
17             System.out.println();
18         }
19     }
20 }
21 }
```

<terminated> Sa

**
*

```
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 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> Samp
2023-10-28