1. **public** **class** anegram {

**public** **static** **void** main(String[] args) {

// **TODO** Auto-generated method stub

// op-both are anagram

String str1 = "Abnm";

String str2 = "mbNa";

str1 = str1.toLowerCase();

str2 = str2.toLowerCase();

**if**(str1.length()!=str2.length()) {

System.***out***.println("not anagram");

}

**else** {

**char**[] string1 = str1.toCharArray();

**char**[] string2=str2.toCharArray();

Arrays.*sort*(string1);

Arrays.*sort*(string2);

**if**(Arrays.*equals*(string1, string2)==**true**) {

System.***out***.println("both are anagram");

}

**else** {

System.***out***.println("not anagram");

}

}

}

}

2. **public** **class** Cound\_the\_words\_In\_String {

**public** **static** **void** main(String[] args) {

// **TODO** Auto-generated method stub

System.***out***.println("enter the stringr");

Scanner sc = **new** Scanner(System.***in***);

String s = sc.nextLine(); // welcome to java

**int** count =1;

**for** (**int** i=0;i<=s.length()-1;i++) {

**if** ((s.charAt(i)==' '&& s.charAt(i+1)!=' '))

{

count++;

}

}

System.***out***.println("number of words in string"+ count);

}

}

3. **public** **class** Duplicate\_Element\_from\_String {

**public** **static** **void** main(String[] args) {

// **TODO** Auto-generated method stub

String arr[] = {"t","e","s","t"};

**for**(**int** i=0;i<=arr.length-1;i++) {

**for**(**int** j=i+1;j<=arr.length-1;j++) {

**if**(arr[i]==arr[j]) {

System.***out***.println(arr[i]);

}

}

}

}

}

4. **public** **class** Duplicate\_number\_from\_array {

**public** **static** **void** main(String[] args) {

// **TODO** Auto-generated method stub

**int**[] arr={6,5,0,5,8,6};

**for**(**int** i=0;i<=arr.length-1;i++) {

**for**(**int** j=i+1;j<=arr.length-1;j++) {

**if**(arr[i]==arr[j]) {

System.***out***.println(arr[i]);

}

}

}

}

}

5. **public** **class** Fibonaci\_number {

**public** **static** **void** main(String[] args) {

// **TODO** Auto-generated method stub

**int** a=0;

**int** b=1;

**for**(**int** i=0;i<=10;i++) {

**int** c=a+b;

System.***out***.println(c);

a=b;

b=c;

}

}

}

6. **public** **class** find\_frequency\_of\_characters {

**public** **static** **void** main(String[] args) {

// **TODO** Auto-generated method stub

String str = "study tognight";

**int**[] freq = **new** **int**[str.length()];

**char**[] str1 = str.toCharArray();

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

freq[i]=1;

**for**(**int** j=i+1;j<str.length();j++) {

**if**(str1[i]==str1[j]) {

freq[i]++;

str1[j]='0';

}

}

}

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

**if**(str1[i]!=' '&& str1[i]!='0')

System.***out***.println(str1[i]+" "+ freq[i]);

}

}

7. String s = "keep";

StringBuffer sb = **new** StringBuffer(s);

System.***out***.print(sb.charAt(0));

System.***out***.print(sb.charAt(1));

System.***out***.print(sb.charAt(3));

}

}

8. **public** **class** Length\_of\_String\_Total {

**public** **static** **void** main(String[] args) {

// **TODO** Auto-generated method stub

String s = "My first name is Rahul and lastname is Deshpande";

StringBuffer sd = **new** StringBuffer(s);

System.***out***.println(sd.length());

}

}

9. **public** **class** Length\_of\_String {

**public** **static** **void** main(String[] args) {

String s = "welcome to maharashtra and India";

String[] num = s.split(" ");

**for**(**int** i=0;i<=num.length-1;i++) {

System.***out***.println(num[i].length());

}

}

}

10. **public** **class** Remove\_junk {

**public** **static** **void** main(String[] args) {

// **TODO** Auto-generated method stub

String s = "@&%$\*Java";

s=s.replaceAll("[^a-zA-Z0-9]", "");

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

}

}

11. **public** **class** remove\_white\_spaces\_in\_string {

**public** **static** **void** main(String[] args) {

// **TODO** Auto-generated method stub

String string = "welcome to satara city";

string = string.replaceAll("\\s","");

System.***out***.println(string);

}

}

12. **public** **class** replace\_Space\_with\_dash {

**public** **static** **void** main(String[] args) {

// **TODO** Auto-generated method stub

String string = "my name is rahul deshpande";

**char** ch = '-';

string = string.replace(' ', ch);

System.***out***.println(string);

}

}

13. **public** **class** Reverse\_String\_number {

**public** **static** **void** main(String[] args) {

String name ="Rahul&12345";

**for**(**int** i=4;i>=0;i--) {

System.***out***.print(name.charAt(i));

}

System.***out***.print(name.charAt(5));

**for**(**int** i=10;i>=6;i--) {

System.***out***.print(name.charAt(i));

}

}

}

14. **public** **class** Reverse\_String {

**public** **static** **void** main(String[] args) {

// **TODO** Auto-generated method stub

String s = "Welcome";

StringBuffer sb = **new** StringBuffer(s);

System.***out***.println(sb.reverse());

String reversedstr = "";

**for**(**int** i=s.length()-1;i>=0;i--) {

reversedstr=reversedstr+s.charAt(i);

}

System.***out***.println("original string-"+s);

System.***out***.println("reversed string-"+reversedstr);

}

}

15. **public** **class** SeparateIndividualcharacterfrom\_string {

**public** **static** **void** main(String[] args) {

// **TODO** Auto-generated method stub

String str = "RAHUL";

**for**(**int** i=0;i<=str.length()-1;i++) {

System.***out***.print(str.charAt(i)+" ");

}

}

}

16. **int** [] arr ={5,8,12,98,56,300};

**int** sum1 = 0;

**for**(**int** i=0;i<=arr.length-1;i++) {

sum1=sum1+arr[i];

}

System.***out***.println(sum1);

}

}

17. **public** **class** Swap\_Word {

**public** **static** **void** main(String[] args) {

// **TODO** Auto-generated method stub

String s = "rahul deshpande";

String[] arr = s.split(" ");

System.***out***.println(arr[1]+" "+arr[0]);

}

}

18. **public** **class** Even\_Odd\_Numbers\_from\_Array {

**public** **static** **void** main(String[] args) {

// **TODO** Auto-generated method stub

**int** arr[]= {6,2,7,3,5};

System.***out***.println("odd number is:-");

**for**(**int** i=0;i<=arr.length-1;i++) {

**if**(arr[i]%2!=0) {

System.***out***.println(arr[i]+" ");

}

}

System.***out***.println("Even Number is:-");

System.***out***.println("odd number is:-");

**for**(**int** i=0;i<=arr.length-1;i++) {

**if**(arr[i]%2==0) {

System.***out***.println(arr[i]+" ");

}

}

}

19. **package** Apps;

**public** **class** Swap\_The\_Number {

**public** **static** **void** main(String[] args) {

// **TODO** Auto-generated method stub

**int** n1=20;

**int** n2=30;

System.***out***.println("before swap: " +n1+" "+n2);

n1=n1+n2; // 20+30=50

n2 =n1-n2; // 50-30 = 20

n1=n1-n2; // 50-20=30

System.***out***.println("after swap: " +n1+" "+n2);

}

}

20. **package** Apps;

**public** **class** Number\_Is\_Palindrome\_or\_not {

**public** **static** **void** main(String[] args) {

// **TODO** Auto-generated method stubi

**int** no=121;

**int** temp=no;

**int** rev=0,rem;

**while**(temp!=0) {

rem=temp%10;

rev=rev\*10+rem;

temp=temp/10;

}

**if**(no==rev) {

System.***out***.println("palindrome");

}

**else** {

System.***out***.println("not palindrome");

}

}

}

21. **package** Apps;

**public** **class** Multipication\_table {

**public** **static** **void** main(String[] args) {

// **TODO** Auto-generated method stub

**int** t = 16;

**for**(**int** i=1;i<=10;i++) {

System.***out***.println(t\*i);

}

}

}

22. **package** Apps;

**public** **class** Convert\_String\_to\_int {

**public** **static** **void** main(String[] args) {

// **TODO** Auto-generated method stub

String s= "200";

//converting String into into using integer.parseInt()

**int** i = Integer.*parseInt*(s);

System.***out***.println(i);

}

}

23. **package** Apps;

**public** **class** int\_to\_string\_conversion {

**public** **static** **void** main(String[] args) {

**int** s = 200;

//convert int to string using integer.toString method

String ab = Integer.*toString*(s);

System.***out***.println(ab); //ans-200

}

}

24. **package** Apps;

**public** **class** String\_to\_Long\_Convert {

**public** **static** **void** main(String[] args) {

// **TODO** Auto-generated method stub

String s = "827626727727277";

//Converst String to Long we need to use below method

**long** L = Long.*parseLong*(s);

System.***out***.println(L);

}

}

25. **package** Apps;

**public** **class** ToCharArrayMehod {

**public** **static** **void** main(String[] args) {

// **TODO** Auto-generated method stub

String st = "testi and spicy";

**char**[] chars = st.toCharArray();

System.***out***.println(chars.length);

**char** c = st.charAt(5);

System.***out***.println(c);

}

}

26. **package** Apps;

**public** **class** Lower\_Case\_Method {

**public** **static** **void** main(String[] args) {

// **TODO** Auto-generated method stub

String str = "TESTING JOBS IN PUNE";

String sb = str.toLowerCase();

System.***out***.println(sb);

}

}

27. **package** Apps;

**public** **class** Upper\_Case\_Method {

**public** **static** **void** main(String[] args) {

// **TODO** Auto-generated method stub

String str = "testing is new field in it industry";

String sb = str.toUpperCase();

System.***out***.println(sb);

}

}

28. **package** Apps;

**import** java.util.Arrays;

**public** **class** string\_to\_byte\_Array {

**public** **static** **void** main(String[] args) {

// **TODO** Auto-generated method stub

String s = "testing";

**byte**[] bytes = s.getBytes();

System.***out***.println(Arrays.*toString*(bytes));

}

}

29.

**package** Apps;

**import** java.util.Arrays;

**import** javax.swing.plaf.synth.SynthOptionPaneUI;

**public** **class** minandmaxnumberfromarray {

**public** **static** **void** main(String[] args) {

// **TODO** Auto-generated method stub

**int**[] num= {5,9,6,8,12,19};

**int** len = num.length;

System.***out***.println(len);

Arrays.*sort*(num);

System.***out***.println(num[num.length-1]); // max number 19

System.***out***.println(num[num.length-2]); // second highest number 12

System.***out***.println(num[num.length-3]); // third highest number 12

System.***out***.println(num[0]); // min number

System.***out***.println(num[1]); // first min number

}

}

30. **package** Apps;

**public** **class** GreaterNumberFromTwoNumbers {

**public** **static** **void** main(String[] args) {

// **TODO** Auto-generated method stub

**int** a = 354;

**int** b = 90;

**if**(a>b) {

System.***out***.println("a is greter than b");

}

**else** {

System.***out***.println("b is greater than a");

}

}

}