```
Hollow Square
   public class square &
          public static void main ( string [ ] args) {
                int nes;
               char c : input, next(). Char At (0);
              for cint is 1; 1c=n; i++){
                    if (it= Ilje= Ill ian Ilj== n) {
                           System.out. print (c+"");
                          System.out. print (" ");
              1
              System. out print In ();
          3
   3
31) Factorial of n
        class factorial & control in the
 public
          public static void main (String[] augs) {
                  int n=6, fact=1,100 100
                  for ( Int i=1; it=n; i++) }
                        fact = fact * i .
              System.out.print (n+"factorial="+fact);
          3
 Ś
                 e contraction of the many
```

```
32 Pattern (1"3")
  public class pattern &
       public slatic void main ( string []
                 na int n=5, K=1;
          210) +1. a ofar (int i = 1) i <= n ; i++) {
                 -for (int j=19 j 4= i ; j ++) {
      System.out. print (k*k + ");
     : (" + 2) hours mounting?
                            System.out.println();
        Egucinocal Priced (" ")
     3
                      System out print La (1)
33). Composite Numbers
  public class composite {
            public static void main (string [] args) {
                  int arr []= { 16, 18, 27, 16, 23, 21, 193?
         ? ( pro light len) main, length; count = 0; 100
          /, for (intizogolic lent; I the) {
                { (++1 ( 1 = 1) + ( c = 0 ) + 0)-
                 for ( ant j = 1; j < 100; j++) {
                                 if (arr [i] % j = 20) {
      (++) green out paint (" " foctorial + fo
                           if (C>2) {
                                 count ++;
                   3
                   System. out. println (count);
             1
```

```
34). Nth odd number.
public class odd Number &
          public static void main ( string[)
                       int n = 4 ; . a 1.3
                       ind arr [] = new int [1007;
              The same of the same
                for ( inf i = 1; i < 100; i++) {
                               if (ix.1!= 0) {
                control of the ment arrest ;
               of the throughout all
         in the bustonia
          "( System.out. print (are [n " 2]);
              interpolecomes,
      String Indexing
  public class storing Indexing {
         public static void main ( String [] args ) {
               String strz "Iam a programmer";
               char arr(] = new char [str. length ()];
              int len = str. length ();
             .int x = 0;
                             is a smort by
              for cint 1=0; 12 len ; 1++) {
                  Ol : Hill care [T] & Str. length (i);
        (HDE MOS MIS) ( ASSIT) == c) {
                        System.out. print ("Found at: "+ (1+1));
                         1 - 1 - Land mar
             if (x == 0) {
                Systemout printla ("Charater not found");
            1
```

```
36. Pattern (22)
 public class pattern (
        public static void main (String [] args) [
                    int n=5; "
              for (the 1 = 1) 1 ( = n; 1++) {
                          for (int j=1; j <= 1; j+t) {
                            System. out. print (i);
              ( ) remains ( )
                11 (6221 0) 1
              System. out, println ();
                     for (int is n-1; i>=1; i--) {
                            for (int j=1;j <=i;j1+) {
       (([[ " a] see ) bring wo my fem. out print (1);
                            System-out.println();
                       3
                                         Strains Indeser
                              will clan string indexing !
   3
                 public static void main( String []
           Strong stre "I am a programme
  public-class Armstrog Number &
         public static void main ( string [] asgs) {
                   int num = 1539 al org = n, arm = 0;
               while (num! = 9) 2; bit y noi
            (i) Alpha Landint remanumi / 10;
                arm = arm ( nem * rem ? rem);
 (( ) is the proof ) word with the momitor
                 if (n=2 arm) {
                       System.out. println ("Armstrong");
                      System out. println ("Not Armstrong");
```

```
38) Alphabetical Order
                           goth, our plattens in the con-
 import javas util. Scammer ;
 import java. util. Arrays;
 public class ax & aller all all lais 10).
           public static void main ( string[? args) ?
 String name = 1" Mosque "9;
    int lenge name. length ();
                 char are [] = new char [len];
          String Alpha;
                 for Lint i=0; ixlen; i++) {
                 () oliming, loo minuite. chor At (i);
                 Arrays, sort (arr);
                 for (int i=len-1; i>=0; i--) {
                         System. out. paind (arr [1]+");
                  3
    String Without Vowels;
    public class string &
            publistatic void main (String () args) {
                    String n = " we can";
                    String ni= n. replace All ("[ae iou]",
                    System.out.println(n1);
             3
    7
```

public class Hallow Square & public static void main (string ongs (3) ¿ iain is ! for ( End i = 0; 1 < n; 1++) { for ( Ind j=0) j < d; j++JE . Hore in 14 (ine =011 j==0-1 1 j==0-1 1 j==0-1 · Adjust as you System. out. print ( \$ : Lind ] .... welse . [ 100 mm System.out. print (" "); System.out, println(); may sortloss); Je circuit tens i combination. Syrem, out prince (ask [ ]) ce (1 poists) niam blov straig (1) צואלים נו "שור במח"י String m: n. sceptace All ("lactous signem out print to (m);