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OUBSECODE: CSA 09° DATE: 25/7/24

```
1) Import java. Util. Scanner.
  Closs Hellowoold &
      Public Static Void main (String [] args) &
           Scanner input = new
            Scanner (System.in);
  int mat 2 [][] = 221,23, 25,349;
int mat 2 [][] = 222,34, 24,144;
  int mat_sum [][] = new int [2] [2]
  int len = mat1. length
    For (int i = 0; illen; i++) {
       For (int j = 0; j / len; j++) {
       mat_Sum[i][j] = mat1[i][j] +
                           mata[i][i];
      System. OUL . Print (mat_ Sum [i] [i] +
     System. out. println();
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```

```
Import java. Util. Scanner;
   Public Class special character Counter &
       Public Static Void main (String [] args) &
       Scanner input = new Scanner (system.in);
       System. out. Println ("Enter a line of Lext:")
       Strings S = iput. next In();
       ink SP = 0;
     System.out. Print (" Special Characters : ");
      For (char Ch: S. to Char Array ()) }
      if (! character. is Letter or Digit (ch)) }
            . Sp++ -,
             System . OUL. Print (ch);
       System. out. Println (" In Number of
                                         Special
                          Characters : "
                                         + SP)
```

100 Impost java Util . Scanner; Public Class Factorial & Public Static Void main (String [] args) { Scanner input = new Scanner (system. in int n = input. nextln(); int fact = 1; FOX (int i = 1; i 4 = n; Fact * = i+1) System. out. println(n + "Factorial = " + Fact); The second of th The state of the s A PRINCE OF THE PARTY OF THE PA

impost java. Util. Scannes: Public Class Stuff & Public Static Void main (String[] args) { int n = new Scanner (System.in) Fox (int i = n; i>= 1; i--) { System. out. println (" " Yepest (n-i)) System. Out. Println ("*". repeat (i)); 4

```
Impost java- util. Scanner,
    public Class Pattern &
       Public Static Void main (String [] args) {
      Scanner input = new Scanner (system.in)
      System. out. print (" Enter the number: ");
      int x = input. next In ();
    System. Out. Print ("Max No. of times Printed: ");
    int n = input . nextln ()
    FOX (int i=1; it= 2; + n-1; i++) {
        int Count = i c= h ? i: 2* n-i;
       System. Out. 12 rint In (String, Value of (2).
                              re peat (count));
  y input. close (),
```

```
Class Matrix &
     Public Static Void main (String [] args) &
      INE [][] mat1 = 221, 27, £5, 344;
     int [][] mata = & £2,39 $4,199;
     int [][] Yesult = new int[2][2])
    FOY (int i= 0; i( &; i++) }
       For (int j = 0; j ( a; i++) {
           Yesule Ci][j] += YOE1[i][r] *
                           mat[j][K];
      System. out. Println ("Mat Sum: ");
      Fox (int i=0; ila; i++) {
         For (int ) = 0; ] (a; j++) {
           System. out. Print ( Yesule [i][j] +
           System. Out. print In ();
```

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Impost java-util- Scanner; java. Util. Sort Names; TWIDOXF java-Util- Array; Import Public Class Sort Names & Public Static Void main (String [] ags) Scanner input = new Scanner (system-in) String[] arr = 2"Banana", "Apple",
"Carrot", "Radish", "Jack" System. out. Print ("Order (A/D): "); Chas order = input.next (). chas AL (0); Arrays. Sort (arr, (a,b) -> order = = 'A'? a. Compose
To (b): Compare To (a)); Arxonys . Stream (arx) - For Each (system. out : printly input. Close ();

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```
Import java. Util . Scanner;
    Public Class Stuff &
       Public Static Void main (Strings [] args)
       Scanner. iput = new Scanner (system.in);
        System.out. Drink ("Enter the symbol: ")
       chay Symbol = input. next(). ChayAt(0);
       System. OUE. Print ("Enter Yours & Columns: ")
       int Yours = input. nextInt(), GIS =
                                      input. next ()
      For (int i=0) ic rows; i++) {
          FOX (int j=0; j ( xols; j ++) &
            System. out. Print (symbol + " ");
         System. out. printlin(),
```

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