7. Dri Vardham 192325006 26/7/24

1) Matrin addition Public son class natrix (Public static void main (String I). args) (Scanner infut = new Scanner (System. ii); it mati (2) = ((1,2), (5,3)); is matz [][]= {(2,1), (4,1)}; ent mat- sum [] [] = new int [2] 525; wit la = mat 1 . length; for (int i = 0; ich ; it+) for (int j=0; j L hm; j++) { mat _ ren[i][j] = mat |[j] }] + md2[:][j] Eyplen. Out Pruit (mat_ sun [i) [j])+ "\Z" System. out. Prith (); Sample Infert: nat = 1 2 output rat Sun = 3 5

1) write a Program to Print rectangly symbol Portlem oft { Static void Print rectangle (int o, intu) for (int i =0 , i cn; i+1) rysten out. Println (); for(intj=0; j Lw; j++) 4 (i==01/i=n-11)]==01/7== w-1) rystem. Out. Printly ("@") are { rysten. out. Prith (" ") Print retation void mais (string args ()) sit on: 4 u-5; Brut reclange (6, u).

write a fragram that would want a list of runs alphabolical order Arcending or derending inport Java citel reanner; Class main { Public state void mais (storing args)){ reamer input: new seamner (system in); string arr [] : { "Barana", "apple", "correct); int lun - arr lengts (); chat order: input. port (). charat(0); if (order = = 'n') (for (it i=0; i(luj, i+1)(for (it) IN+1',) cars, byth j++)(if (ars [i). confare (ars[j]) >a) (string tup = arr[i] arr [i) = are [j]; ars []] - tup; ryles. out- Bruth (Arrays, tosting (ans)) regiter, out. Pruth average to strigan

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4 write a Program for notice multipleater
fort your will rearner;
class mais (
       Public static void main (string augs [ )) {
  reamer input : new reamer ( system . in );
   uit n= infut. nextlie ();
 ut l = input, resettione ();
  it mat I [] [] = new int (7) Ec);
  wit mat 2 E) E) : now int [9] [c];
 for (it i =0; ich; i++)
     for ( it 3=0/7(c; 3+1)
       ( mat & Ti DEj): infut. next it () ;
    it run () (); now it En) [c];
    For (it iso; iL h jitt)
      for (in) j to; J(c; 7++)
         run [i][]];
     r For (at k = 0; KLC; k++)
       { run [i] [j] = run [i] [j] + [matili](i)*
                                        matz[K][j]);
       regeten out. Prentles (ryn [i)[j] t " te");
    ryples. out. Printles ();
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write a fragran to Print the following Pallers Impart Java util reamen; Public state boid main (string angs [)) it X = infut, next lin (); for (it i=1; iz=n; i+1) for (int 9=1; j = 1; j+1) systemoet. Prith ()()) rylen. out. Prith(); for (it li=n-1; i>= (i); i--) par (int 3 = 1; 3 l = i , 54+) system. out. Prit (x)) ryster. out. Pruth ();

6 write a Program to Print special charactery infart 3 ava util reals Clark special (gablic static boid mais (string [) angs) (reamer infut = new Scarner (ryster-a) abing 5: input nextline() for (char ch = 1. tachar Avrag ()) (if (chareters isletter on Digit (64)) sych out Pouth (h); Sylen out . Pruths (SP); cents a program to conforite number ? Inter Java, all, reamer; class confort { Public static void vais (string [] args) (Scanner input : new Blammer (ryelis. is); int a supir. resellie (); it b = inful. rexclue (); for (iil 1=9+1 ; 1 45; 1++) (if (is conforite (1)) < ryter. out. Pridtely (it ")

2010 find the factorial of n) Public static void mais (storig &) args) (class factoriaid is no when resilling (); nit fact = 1 ; for (it 5:1; xc:n; fact x:i+1) ryther out Prith (pt factories;"+