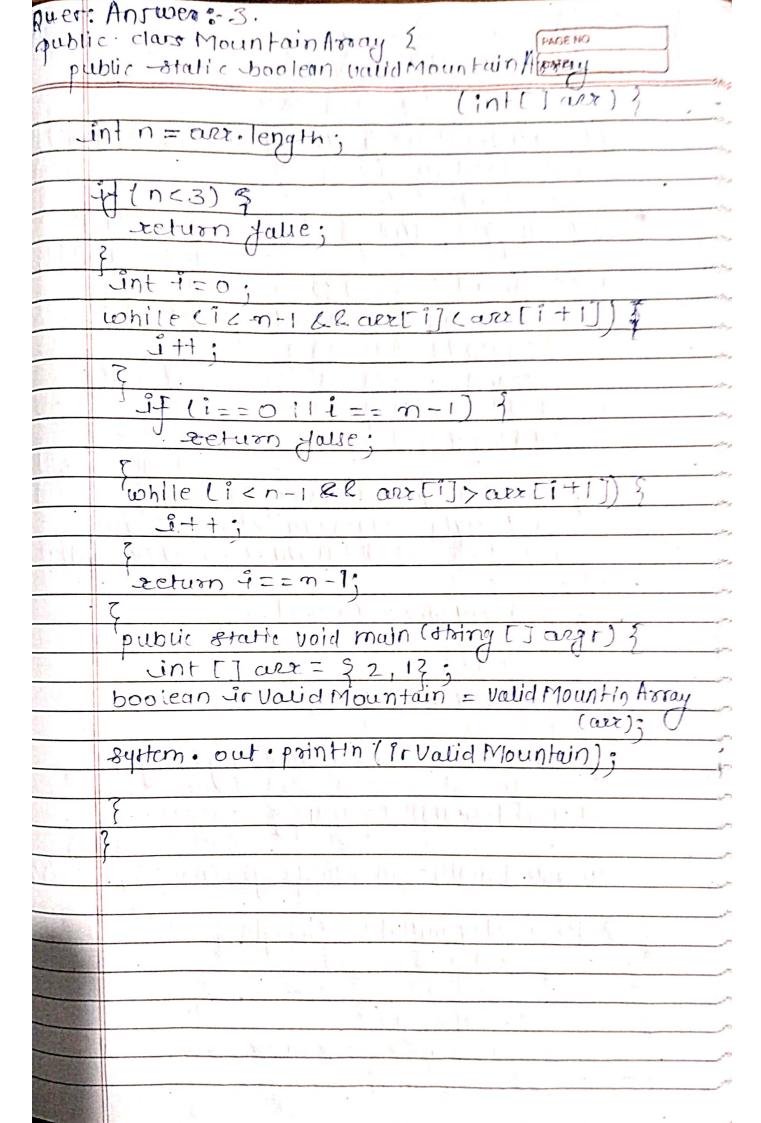
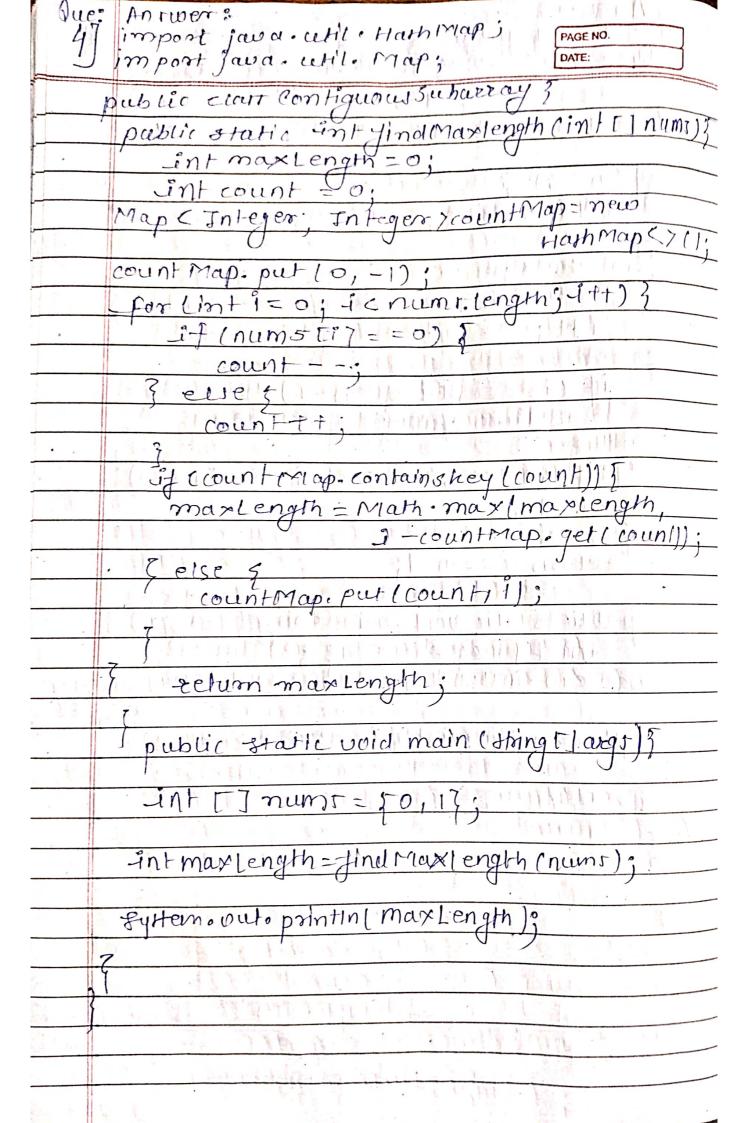
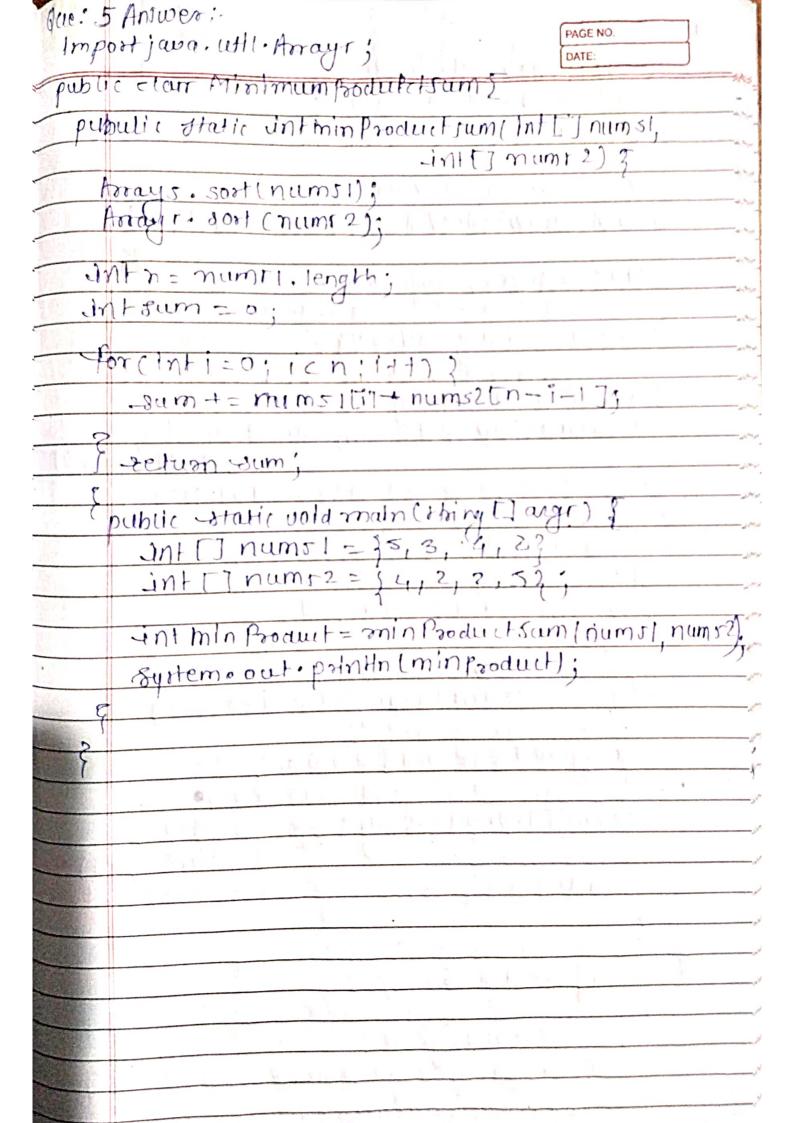
Que 2: Answer: public clar Matrix search 3 public static boolean search Matrix DATE: (int [][] matrix, int target) int m = matrix. length; intn: matrix [0]. length; int 191-0; int eight = m \*n-1; while (left <= zight)?

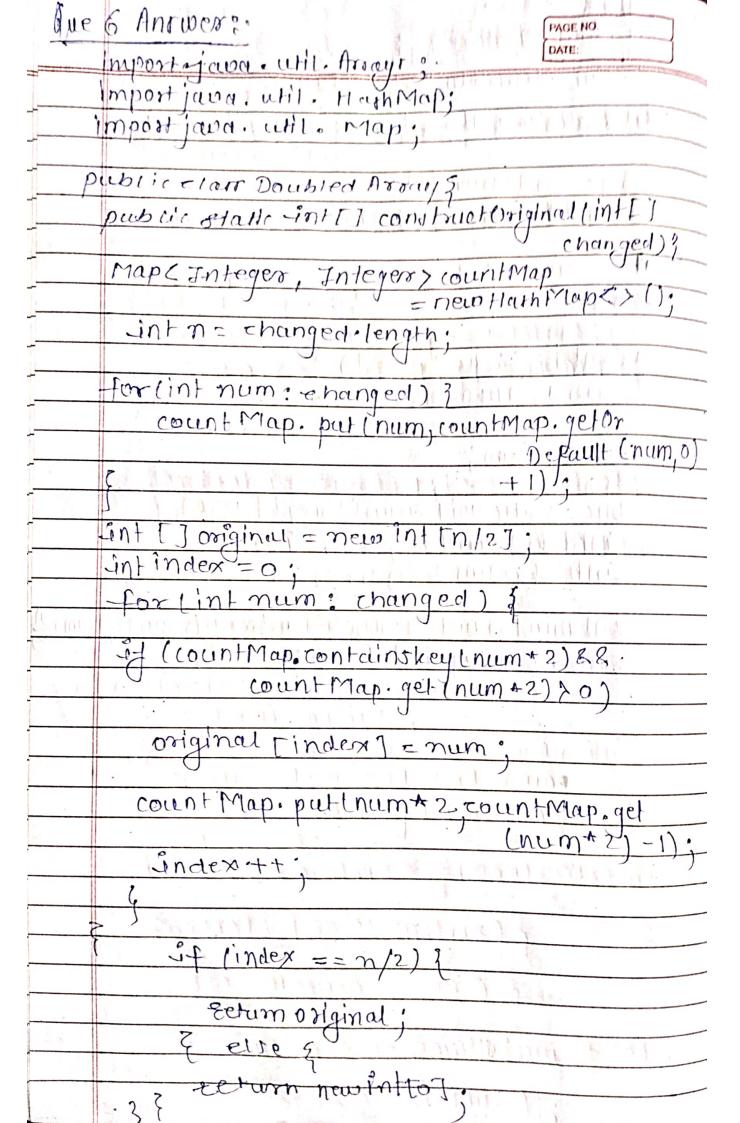
int mid = left + (right - left)/2;

int midvalle = matrix[mid/n][mido/n]; i (midvalue = = ranget) return true; else if [mid value < target] ? left= mid + 1; right = mid -1; Mills ! return false; public static void main (string [] agar) int [][] matrix = 1? 31,3,5,73 3 10,11,16,3031 3 23, 30, 34, 604 ent Forget = 3; boolean jound = scarch Mahix (malrix; target zystem. out . poin Hn ( found):

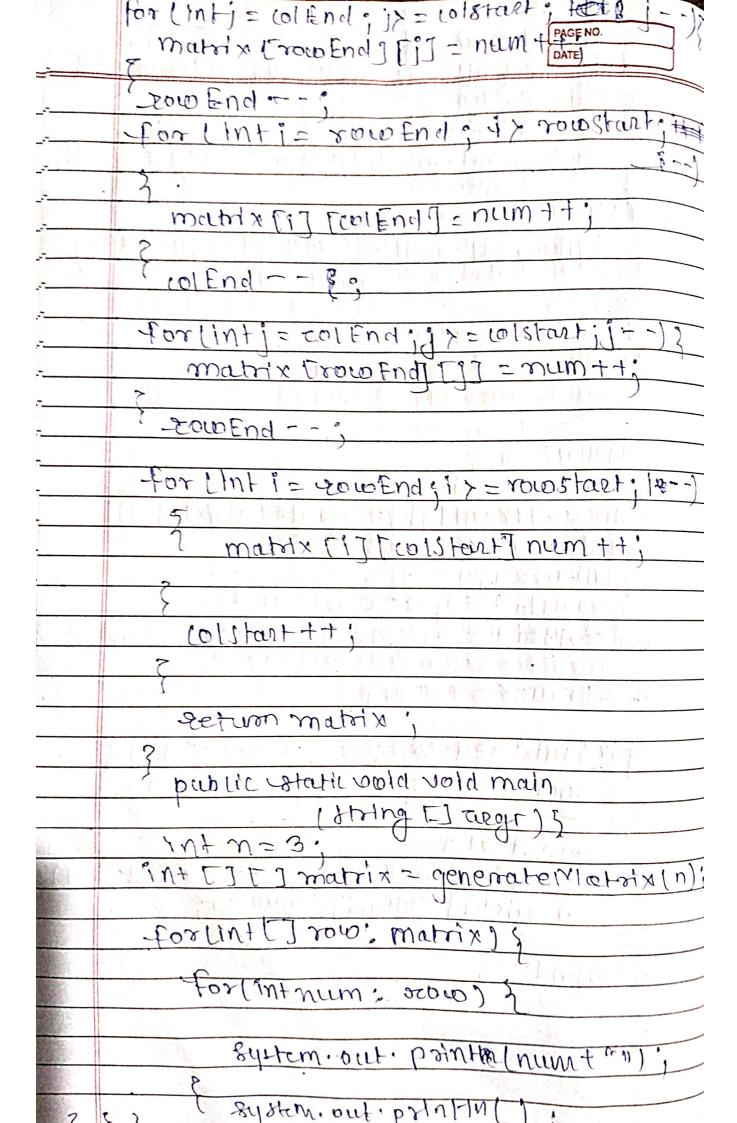








200	public static void main ( thing [ ] argt)?
	int [] changed = [1, 2, 4, 2 ( GGENS ?;
	int[] original = constructoriginal [changed];
	if lorginal. length > 0) 3
	System o.
	- out. printin (Arrays. tostrings (original));
<u> </u>	Selses
	-systemoout printint No valid original array
	exist. 1);
i in	7
	oulput miles a line and
	[- I[1, 3, 4]
	A STATE OF THE STA
A	7 Anittona
yu.	7 Antwer:
	public clar spiral Matrix ?
<u>p</u>	ublic static int[][] generate Matrix (Intn)}
	int[] matrix = newint[n] [n];
	int hum = 1;
	nt rowstart = 0; 2000 End = n-1;
	mt coolstart = 0, colEnd = m-1;
w	nile(num<=n+n)?
	disciplination of the second o
2	for (int) = colstart; ic= eol End; it+)? matrix (rowstart ][i] = num ++;
Į.	matrix (rowstart ][] = num ++;
	3 12 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
	20 w5tart ++9
	matrix [] [(OIEnd] = num++;
2-1.54	matrix [1] [colEnd] = num++;
	?
100	col End;
	The state of the s
	North British of Contracts
	The state of the s



```
Jue 8 | Anower:
  public e lair & pare Matrix Multiplication.
  public static interest of multiply Cintrest Imal
                  int[] [] mat2)
    Inth = mat 1. Length:
    ntk = mati [o], Length
            mat 2 [0] · length
            refult = new intempter
          int(=0; (< m; 1++) }
                     =0; p(k; p++) 1
                          t= mat [i] [p] A
                    matetp]ti];
       Leturn result;
     public Static wold main (Hong 5] argr) }
            mat1= 331,0,03,2-1,0,333;
             mat 2= 3 2 7,0103 1 20,0103 130,0,133
            viesult = multiply (mat, mat2);
      for lint [] row: xeaut)
           For lint mem: 2000) }
              syttem. out print [ numet " 1) );
            system, out printing;
```