```
import java.io.*;
class matrix_90
{
 public static void main(String args[])throws IOException
 {
    InputStreamReader isr=new InputStreamReader(System.in);
   BufferedReader br=new BufferedReader(isr);
  int arr2d[][]=new int[3][3];
  int arr2d1[][]=new int[3][3];
  int i,j;
  int k;
  int s=0;

  System.out.println("enter 3x3 matrix ");
   for(i=0;i<3;i++)
    {
     for(j=0;j<3;j++)
       {
        arr2d[i][j]=Integer.parseInt(br.readLine());
       }
    }
    System.out.println("original matrix");
    for(i=0;i<3;i++)
      {
       for(j=0;j<3;j++)
         {
          System.out.print(arr2d[i][j]+"  ");
         }
         System.out.println();
      }
   System.out.println("matrix after 90 degree clockwise rotation");
    for(i=0;i<3;i++)
     {int p=2;   //p=n-1
      for(j=0;j<3;j++)
            {
             arr2d1[i][j]=arr2d[p][i];
             p--;
            }

        }

    for(i=0;i<3;i++)
    {
     for(j=0;j<3;j++)
       {
```

arr0

1	2	3
4	5	6
7	8	9

arr1

7	4	1
8	5	2
9	6	3

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```
            System.out.print(arr2d1[i][j]+"  ");
        }
        System.out.println();
    }

    s=s+arr2d[0][0]+arr2d[2][2]+arr2d[0][2]+arr2d[2][0];
// [0][0]+[n-1][n-1]+[0][n-1]+[n-1][0]
    System.out.println("sum of the corner elements of the matrix = :"+s);
  }
}
```

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