CSA 0992 - Programming in Java. K.V. Sai Sanjara Class Test - 3 192011124, CSE. HOLLOW BLOCK MATRIX: int columns = Scanner. rext Int (); int [][] matrix - new introws] (column). System. out print In (); A Hollow Block Matria is a matrix with elements only on the Border of for (int i=0; i< tow; i+1) Derimeter, and the interior Element Scanner. closecy; for (int j=0; j< columns; j++) PROGRAM FOR HOLLOW BLOCK MATRIX: if (i==0 | | i== rows -1 | j==0 | import java. Util. Scanner; - j == columns -1) Public class Hollow_Block-Matrix matrix [i][j]=1; Public static void main (string [Jargs) Scanner Scanner :- new Scanner (system.in) 3 System. Out . println ("Inter the number for (int i=0; i< nows; i++) of rows); for (int j=0; j< columns; j++) int rows = scanner. next Int (); System. out. println ("Enter the number obystem but println [mattix [i](j) of columns);

are filled with zeros.

FACTORIAL OF N PRIME NUMBERS import Java. Util. Janner; public class factorial of Primes public Static Void main (String[) args) Scanner Scanner: new Scanner (Systemin) System. Dut. printin ("Inter the value M N: "): Port n = Scanner. next Int (); int count = 0: Int number: 2: while (count < n) if ("sprime (number)) long factorial: Calculate factorial (number); System. but . println 1" factorial of

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prime" + number +":" + factorial);
Count ++;
number ++ ;
Scanner. close ():
pub Private Static boolean isprime (intrim)
  if (num <=1)
   return false:
 for (int 1=2; ic math. sqrt (num); i++)
   (f(numo/ 1==0)
   return false;
  return true;
```

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Private Static long calculate
   factorial (int num)
  long factorial = 1;
 for (int i= a; i crum; itt)
  factorial *= i;
 return factorial;
```