## 13A

```
Enter # row : 3
Enter # col : 4
                                                                                                   6
1 2 3 4
5 6 7 8
9 8 7 6
Large value is : 4
Large value is : 8
Large value is : 9
Sum of Column 1 is : 15
Sum of Column 2 is : 16
Sum of Column 3 is : 17
Sum of Column 4 is : 18
Press any key to continue . . .
<
```

------ Java Compile ------Picked up JAVA\_TOOL\_OPTIONS: -Dfile.encoding=UTF-8

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13A	Scapanit Saengrattan							
	64050694							
	Ontput!							
import jour.util. Scanner;								
public class Array 17A {	Enter # von : 3							
public static interes gettable (interes T) {								
Scance ing - new Substantisylan.in);	Enter X col: 4							
System.out. print("Euter * rev :");								
int nowled = inp. nextInt();	2							
System.ont. print ("Enter * col : ");	3							
int collised = inp.nestInt();								
int account transmitted vector	*							
for (int i = 0; i < remused; i++)f	5							
for (int j=0; j < colused; j++){								
acijiji - ing.nextIntOj	7							
3	q e							
3	9							
iny.cbse();								
return a;	9							
	7							
public static void printTable (int COCO T) {	6							
for (int i = 0; i < T. length; i++) f	1 2 3 4							
for (int j = 0; j < TEI). Length; j++) \$	5 6 7 8							
System. out. print (TCIZL) 7 + " ");								
	9 5 7 6							
System.out println ();	large value is: 4							
1	large value is: 8							
3	large value is: 9							
public static int FinAlogo (int SIS) T) f int nex = TCOSCO);	Sum of Column 1 is: 15							
for (int i = 0; i < T. length; i ++) f	Sum of Column 2 is: 16							
for lint j = 0; j < TDJ. length ; j => ) 5 if C1/DLJ > mo> ) f	Sum of Column 3 is: 17							
Max - Trigg;	Sum of Cohumn 4 is: 18							
,								
1	3 5 1 9 2 6 9 2 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2							
System.ont.println("Large value is: "4+max);	<ol> <li>เดิมโปรแกรมให้สมบูรณ์ ให้อ่านข้อมูลจำนวนแถว (rowUsed) และจำนวนคอลัมน์ (colUsed) แล้ว ข้อมูลทีละจำนวนใส่อาเรย์ สมมุติมีข้อมูลที่จะป้อนดังต่อไปนี้</li> </ol>							
Y	3 4							
return max;	1 2 3 4 5 6 7 8							
public studie int suncellam lint (2012 A, int col) f	9 8 7 6 2) เพิ่มเมท็อดสำหรับหาค่ามากที่สุดในตาราง และพิมพ์ค่ามากที่สุด							
public startic int sumctananthy and my interest of interest of the same of the	Largest value is							
for (inti-o; i < A knyth; i++) {	<ol> <li>พิ่มเมท็อตสำหรับหาผลรวมค่าในคอลัมน์ของตาราง มีตัวแปรรับค่าคอลัมน์ที่จะหาผลรวม public staticIn1. sumColumn(int∏ A, int col) {</li> </ol>							
Sum += AEIJEalJ;	for (int $i = 0$ ; $i < A \cdot (k + q) h$ ; $i + +$ )							
7								
	4) เพิ่มคำสั่งเรียกใช้เมท็อดเพื่อพิมพ์ผลรวมแต่ละคอลัมน์ที่เหมาะสม เช่น							
retain sum;	Sum of Column 1 is 15							
hatte date and an fact to the	Sum of Column 2 is							
public static void main (String ) angs) 4	Sum of Column 4 is 15							
Intition T = man int Employ;								
int × CIC); × • set Table (T);								
puntTable(x); Findlange(x);								
for (inti * 0 j i <= x , length ; i++) }								
System.ont. println("Son of Column."+11+01+"1"+4+m(alum(b),11);								
system. ONT. Printers on a lauran . + 11 mile in the commentarity								
3								
5								

## 13B

```
C:\WINDOWS\system32\c.
                                                                                                                                                     1 2 3
1 0 2
2 1 -1
                                                                                                                                                     1 2 -1 2
1 0 2 1
2 1 -1 3
             return C;

public static void main(String[] args) {
   int [[] X = { { 1, 2, 3 }, { 1, 0, 2 }, { 2, 1, -1 });
   int [[] X = { { 1, 2, -3 }, { 1, 0, 2 }, { 2, 1, -1 });
   int [[] Y = { { 1, 2, -1, 2}, { 1, 0, 2, 1}, { 2, 1, -1 }, 3};
   int [[] Z = matrioProduct(X, V);
   printMatrix(P);
   printMatrix(P);
   Systen.out.println();
   printMatrix(2);
}
                                                                                                                                                     9 5 0 13
5 4 -3 8
1 3 1 2
                                                                                                                                                      Press any key to continue . . .
<
```

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122					So	panit	Saengrat	tanayor
13B						6405	0694	
public Class Array 13B	Ow	<b>tput</b>	;					
public static void print/native (int[I[] A) {								
for (int i = 0; i < A length; i++) f	1	2	3					
for (int j=0; j < ACiJ.length; j++){	1	0	2					
System.ont.print(ACIILj) + "");		1						
1								
System.ont.printh(1);	1	2	-1	2				
, , , , , , , , , , , , , , , , , , , ,		0						
A		1						
public static interes matrixProduct(interes A, interes B) {		,						
intCIC c - new int[Alough] for (cogth);	a	5	0	13				
for (int i = 0; i < A. kength; i++) {		4						
for lint j - 0; j < Bloom th; j++)1		3						
C[i][j] = 0;	1	,	-					
for (int k = 0; k < 8. longth; k++) f								
Clilij3 = Clilij]+(Aliika * b[k]t j3);								
1								
1								
1								
retwen C ;								
1								
public static void main (String[] augs) {								
inf()() x = {11,2,31, {1,0,21, {2,1,-131;								
int DED Y = { { 1,2,-1,27, { 1,0,2,17, { 2,1,-1,347;								
; z CICIthi								
2 = mortrix Product (x, Y);								
printMatrix(X);								
System.ont. println(1;								
print Matrix (y);								
System.ont.println(1;								
printMatrix(2);								