JAVA ASSIGNMENT ON PATTERN PROGRAMS

Submitted by
J. Divya
divyajamgala@gmail.com

```
pattern1:
   * *
*
      *
 * *
Program:
public class Pattern1 {
public static void main(String[] args) {
    for(int i=1;i<=3;i++)
      for(int j=1; j<=3; j++)
         {
            if(i==2 \& j==2)
              System.out.print(" ");
              else {
              System.out.print("*");
}
         System.out.println(" ");
```

} }

```
## Recognition - Programming - Programming
```

Output:

- * * *
- * *
- * * *

```
Pattern2:
* * * * *
*
          *
*
          *
*
          *
* * * * *
Program:
public class Pattern2 {
public static void main(String[] args) {
for (int i = 1; i \le 5; i++)
for (int j = 1; j \le 5; j++) {
            if ((i == 1 || i == 5 || j == 1 || j == 5))
               System.out.print("* ");
            else {
               System.out.print(" ");
         System.out.println();
```

```
.
```

```
| Properties | Pro
```

Output:

```
* * * * * *

* * * *

* *
```

* * * * *

```
Pattern3:
    *
  *
      *
* * * * *
Program:
public class Pattern3 {
public static void main(String[] args) {
for (int i = 1; i \le 3; i++)
for (int j = 3; j > i; j--)
System.out.print(" ");
for (int k = 1; k \le 2 * i - 1; k++)
{
if(k==1 || k== 2*i-1 || i==3)
System.out.print(" *");
else
```

```
System.out.print(" ");
}
System.out.println();
}
}
```

```
G Proposeming Pattern/Loca/Naches/patterns/set Flore 108

The Call Score Relator Naryage Sears Proce in Window Help

The Call Score Relator Naryage Sears Proce in Window Help

The Call Score Relator Naryage Sears Proce in Window Help

The Call Score Relator Naryage Sears Proce in Window Help

The Call Score Relator Naryage Sears Proce in Window Help

The Call Score Relator Naryage Sears Proce in Window Help

The Call Score Relator Naryage Sears Proce in Window Help

The Call Score Relator Naryage Sears Proce in Window Help

The Call Score Relator Naryage Sears Proce in Window Help

The Call Score Relator Naryage Sears Proce in Window Help

The Call Score Relator Naryage Sears Proce in Window Help

The Call Score Relator Naryage Sears Proce in Window Help

The Call Score Relator Naryage Sears Proce in Window Help

The Call Score Relator Naryage Sears Proce in Window Help

The Call Score Relator Naryage Sears Proce in Window Help

The Call Score Relator Naryage Sears Proce in Window Help

The Call Score Relator Naryage Sears Proce in Window Help

The Call Score Relator Naryage Sears Proce in Window Help

The Call Score Relator Naryage Sears Proce in Window Help

The Call Score Relator Naryage Sears Proce in Window Help

The Call Score Relator Naryage Sears Proce in Window Help

The Call Score Relator Naryage Sears Proce in Window Help

The Call Score Relator Naryage Sears Proce in Window Help

The Call Score Relator Naryage Sears Proce in Window Help

The Call Score Relator Naryage Sears Proceedings The Call Score Relator Naryage S
```

Output:

* * * * ****

Pattern4:

```
*
   *
         *
* * * * *
*
*
            *
* * * * *
Program:
public class Pattern4 {
public static void main(String[] args) {
for (int i = 1; i \le 3; i++)
{
  for (int j = 3; j > i; j - -)
{
System.out.print(" ");
}
for (int k = 1; k \le 2 * i - 1; k++)
  if(k==1 \parallel k== 2*i-1 \parallel i==3)
  {
   System.out.print("* ");
   }
   else {
     System.out.print(" ");
```

```
for (int i = 1; i \le 5; i++)
  for (int j = 1; j \le 5; j++)
if ((i == 1 \parallel i == 5 \parallel j == 1 \parallel j == 5))
  System.out.print("* ");
else {
System.out.print(" ");
System.out.println();
```

System.out.println();

Output:

*

* *

* * * * *

* *

* *

* *

* * * * *