iRow = 4

Logic Building Assignment: 57

1. Write Java program which accept number of rows and number of columns from user and display below pattern.

iCol = 4

```
Input:
Output:
            Α
                  В
                        C
                              D
                        C
            Α
                  В
                              D
                        C
            Α
                  В
                              D
                        C
                  В
                              D
Program Layout:
class Pattern
{
      public void Pattern(int iRow, int iCol)
      {
            // Logic
```

2. Write Java program which accept number of rows and number of columns from user and display below pattern.

```
iRow = 4
                               iCol = 4
Input:
Output:
                  В
            Α
                        C
                               d
                  b
            а
                        С
            Α
                  В
                        C
                               D
                               d
            а
                  b
```

}

}

```
Program Layout:
class Pattern
{
      public void Pattern(int iRow, int iCol)
            // Logic
      }
}
```

3. Write Java program which accept number of rows and number of columns from user and display below pattern.

```
iCol = 5
Input:
           iRow = 3
Output:
                 Α
                                   Α
           Α
           В
                 В
                       В
                             В
                                   В
```



```
C C C C C

Program Layout:

class Pattern
{
    public void Pattern(int iRow, int iCol)
    {
        // Logic
    }
}
```

4. Write Java program which accept number of rows and number of columns from user and display below pattern.

iCol = 5

```
Output:
            4
                                     4
                   4
            3
                   3
                         3
                               3
                                      3
                         2
            2
                   2
                               2
                                      2
           ) 1
Program Layout:
class Pattern
{
      public void Pattern(int iRow, int iCol)
      {
            // Logic
      }
}
```

iRow = 4

Input:

5. Write Java program which accept number of rows and number of columns from user and display below pattern.

```
Input:
           iRow = 3
                              iCol = 4
Output:
                  2
                        3
                              4
            5
                        7
                  6
                              8
            9
                  10
                        11
                              12
Program Layout:
class Pattern
{
     public void Pattern(int iRow, int iCol)
      {
           // Logic
      }
}
```