

## Logic Building Assignment : 18

**1. Accept number of rows and number of columns from user and display below pattern.**

Input :      iRow = 4              iCol = 4

Output :      \*

             \*      \*

             \*      \*      \*

             \*      \*      \*      \*

Program Layout :

```
#include<stdio.h>
```

```
void Pattern(int iRow, int iCol)
```

```
{  
    // Logic  
}
```

```
int main()
```

```
{  
    int iValue1 = 0, iValue2 = 0;  
  
    printf("Enter number of rows and columns");  
    scanf("%d %d",&iValue1, &iValue2);  
  
    Pattern(iValue1, iValue2);  
  
    return 0;  
}
```

**2. Accept number of rows and number of columns from user and display below pattern.**

Input :      iRow = 4              iCol = 4

Output :    \*      \*      \*      \*  
             \*      \*      \*  
             \*      \*  
             \*

Program Layout :

```
#include<stdio.h>
```

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

```
int main()
{
    int iValue1 = 0, iValue2 = 0;

    printf("Enter number of rows and columns");
    scanf("%d %d",&iValue1, &iValue2);

    Pattern(iValue1, iValue2);

    return 0;
}
```

**3. Accept number of rows and number of columns from user and display below pattern.**

Input :      iRow = 5                  iCol = 5

Output :

\$	*	*	*	*
#	\$	*	*	*
#	#	\$	*	*
#	#	#	\$	*
#	#	#	#	\$

Program Layout :

```
#include<stdio.h>
```

```
void Pattern(int iRow, int iCol)
```

```
{  
    // Logic  
}
```

```
int main()
```

```
{  
    int iValue1 = 0, iValue2 = 0;  
  
    printf("Enter number of rows and columns");  
    scanf("%d %d",&iValue1, &iValue2);  
  
    Pattern(iValue1, iValue2);  
  
    return 0;  
}
```

**4. Accept number of rows and number of columns from user and display below pattern.**

Input :      iRow = 6                  iCol = 6

Output :

```
*   *   *   *   *   *
*   *               *
*           *           *
*               *       *
*                   *   *
*       *   *   *   *   *
```

Program Layout :

```
#include<stdio.h>
```

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

```
int main()
{
    int iValue1 = 0, iValue2 = 0;

    printf("Enter number of rows and columns");
    scanf("%d %d",&iValue1, &iValue2);

    Pattern(iValue1, iValue2);

    return 0;
}
```

**5. Accept number of rows and number of columns from user and display below pattern.**

Input :      iRow = 4              iCol = 4

Output :    1      2      3      4  
              2      3      4  
                 3      4  
                  4

Program Layout :

```
#include<stdio.h>
```

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

```
int main()
{
    int iValue1 = 0, iValue2 = 0;

    printf("Enter number of rows and columns");
    scanf("%d %d",&iValue1, &iValue2);

    Pattern(iValue1, iValue2);

    return 0;
}
```