

## Logic Building Assignment : 12

**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>
```

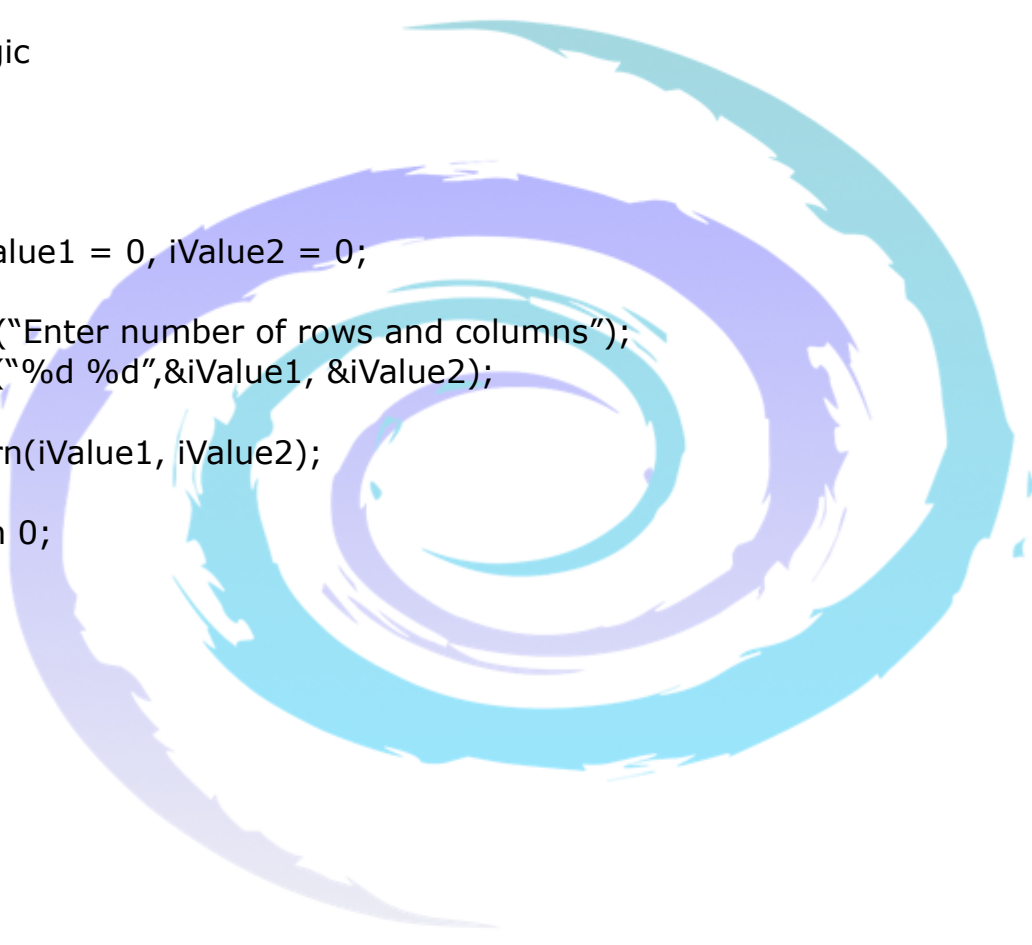
```
void Pattern(int iRow, int iCol)
{
    // Logic
}
```

```
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 = 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;
}

```

**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
1	*	*	4
1	*	*	4
1	2	3	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;  
}
```

