

Logic Building Assignment : 19

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>
```

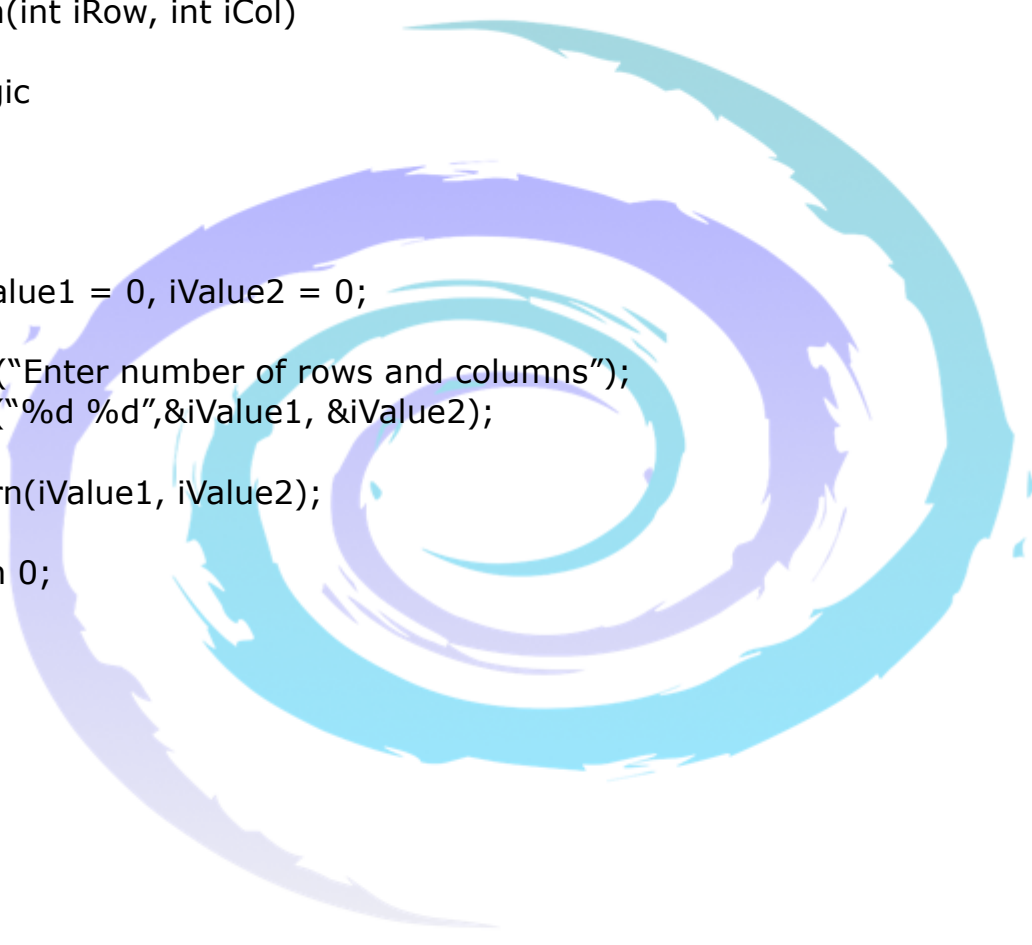
```
void Pattern(int iRow, int iCol)
{
    // Logic
}
```

```
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 = 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;
}
```

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 | 5 |
| 1 | 2 | | | 5 |
| 1 | | 3 | | 5 |
| 1 | | | 4 | 5 |
| 1 | 2 | 3 | 4 | 5 |

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;
}
```

