# Logic Building Assignment : 11

Create separate visual Studio project for each problem statement separately.

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

Input : iRow = 4 iCol = 3

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 = 3

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

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 = 3 iCol = 5

Output : 5 4 3 2 1
5 4 3 2 1
5 4 3 2 1

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 = 3 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;
}
```

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

Input : iRow = 3 iCol = 4

Output :
```
1 1 1 1
2 2 2 2
3 3 3 3
4 4 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;
}
```