

## Logic Building Assignment : 19

**Complete below code snippets it contains only service provider function.**

**Write entry point function to call below helper functions separately.**

**Create separate visual Studio project for each problem statement separately.**

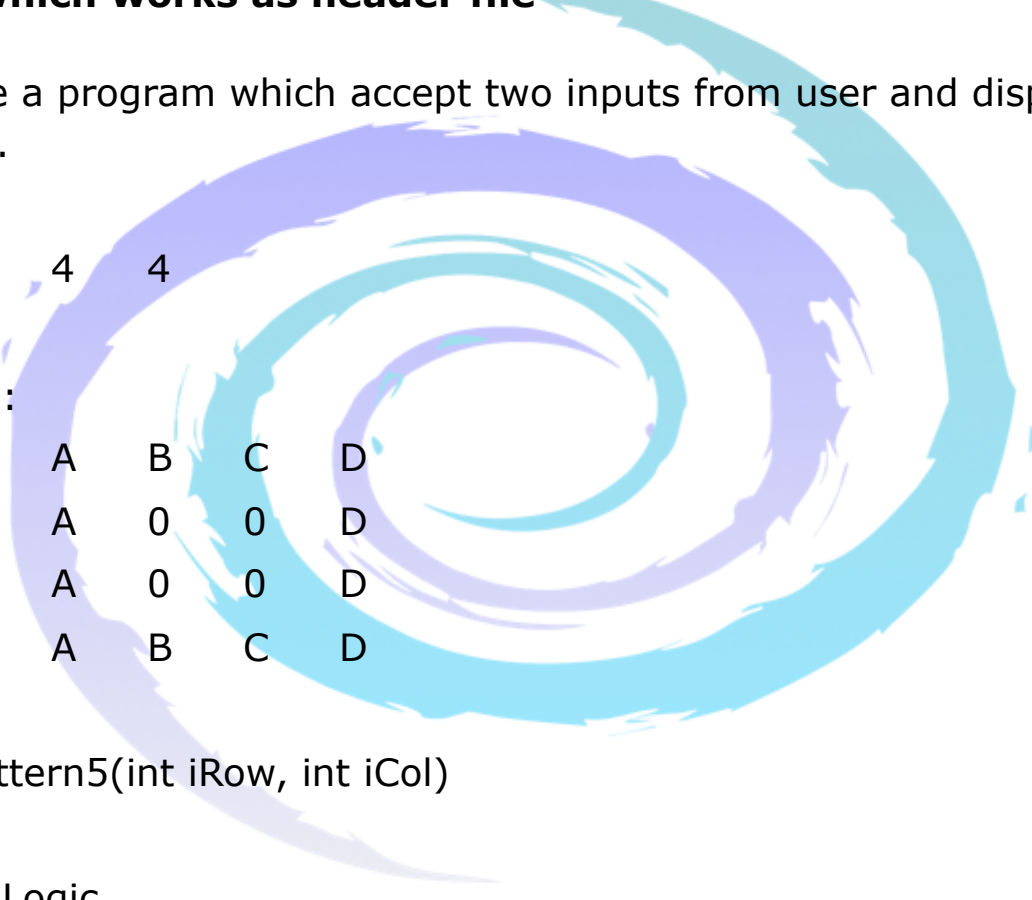
**Each project should contains below things**

- File which contains entry point function
- File which contains helper function
- File which works as header file

1. Write a program which accept two inputs from user and display below pattern.

Input : 4 4

Output :



A	B	C	D
A	0	0	D
A	0	0	D
A	B	C	D

```
void Pattern5(int iRow, int iCol)
```

```
{  
    // Logic  
}
```

2. Write a program which accept two inputs from user and display below pattern.

Input : 4 4

Output :

1	2	3	4
4	3	2	1
1	2	3	4
4	3	2	1

```
void Pattern6(int iRow, int iCol)
```

```
{  
    // Logic  
}
```

3. Write a program which accept two inputs from user and display below pattern.

Input : 4 4

Output :

1	1	1	1
2	2	2	2
3	3	3	3
4	4	4	4

```
void Pattern7(int iRow, int iCol)
```

```
{  
    // Logic  
}
```

4. Write a program which accept two inputs from user and display below pattern.

Input : 4 4

Output :

```

1   *   1   *
2   *   2   *
3   *   3   *
4   *   4   *
    
```

```
void Pattern8(int iRow, int iCol)
```

```
{
    // Logic
}
```

5. Write a program which accept two inputs from user and display below pattern.

Input : 6 6

Output :

```

$   @   @   @   @   @
*   $   &   &   &   @
*   #   $   &   &   @
*   #   #   $   &   @
*   #   #   #   $   @
*   *   *   *   *   $
    
```

```
void Pattern9(int iRow, int iCol)
```

```
{
    // Logic
}
```