

Logic Building Assignment : 18

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 number from user and display below pattern

Input : 987

Output :

```
9  8  7
9  8  7
9  8  7
```

```
void Pattern(int iNo)
{
    // Logic
}
```

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

Input : 9871

Output :

```
1  7  8  9
1  7  8  9
```

```
1   7   8   9
1   7   8   9
```

```
void Pattern(int iNo)
{
    // Logic
}
```

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

Input : 9871

Output :

```
1
1 7
1 7 8
1 7 8 9
```

```
void Pattern(int iNo)
{
    // Logic
}
```

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

Input : 9871

Output :

```
1   7   8   9
1   7   8
```

```
1    7
1
```

```
void Pattern(int iNo)
{
    // Logic
}
```

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

Input : 9871

Output :

```
1  7  8  9
1  0  0  9
1  0  0  9
1  7  8  9
```

```
void Pattern(int iNo)
{
    // Logic
}
```