Logic Building Assignment : 38

Create separate visual Studio project for each problem statement separately.

1.Write a program which accept string from user and print below pattern.

Input :   "Marvellous"

Output :   M   a   r   v   e   l   l   o   u   s
            M   a   r   v   e   l   l   o   u   s
            M   a   r   v   e   l   l   o   u   s
            M   a   r   v   e   l   l   o   u   s
            M   a   r   v   e   l   l   o   u   s
            M   a   r   v   e   l   l   o   u   s
            M   a   r   v   e   l   l   o   u   s
            M   a   r   v   e   l   l   o   u   s
            M   a   r   v   e   l   l   o   u   s
            M   a   r   v   e   l   l   o   u   s

Input :   "PPA"

Output :   P   P   A
            P   P   A
            P   P   A

Solution :

```
void Pattern(char *str)
{
   // Logic
}
```

2.Write a program which accept string from user and print below pattern.

Input :   "Marvellous"

Output :   M   a   r   v   e   l   l   o   u   s

M   a   r   v   e   l   l   o   u

M   a   r   v   e   l   l   o

M   a   r   v   e   l   l

M   a   r   v   e   l

M   a   r   v   e

M   a   r   v

M   a   r

M   a

M

Input :   "PPA"

Output :   P   P   A

P   P

P

Solution :

```
void Pattern(char *str)
{
   // Logic
}
```

3.Write a program which accept string from user and print below pattern.

Input :   **"Marvellous"**

Output :   M

                     M   a

                     M   a   r

                     M   a   r   v

                     M   a   r   v   e

                     M   a   r   v   e   l

                     M   a   r   v   e   l   l

                     M   a   r   v   e   l   l   o

                     M   a   r   v   e   l   l   o   u

                     M   a   r   v   e   l   l   o   u   s

Input :   **"PPA"**

Output :   P

                     P   P

                     P   P   A

Solution :

```
void Pattern(char *str)
{
   // Logic
}
```

4.Write a program which accept string from user and print below pattern.

Input :   "Marvellous"

Output :   M   A   R   V   E   L   L   O   U   S

            M   A   R   V   E   L   L   O   U   S

            M   A   R   V   E   L   L   O   U   S

            M   A   R   V   E   L   L   O   U   S

            M   A   R   V   E   L   L   O   U   S

            M   A   R   V   E   L   L   O   U   S

            M   A   R   V   E   L   L   O   U   S

            M   A   R   V   E   L   L   O   U   S

            M   A   R   V   E   L   L   O   U   S

            M   A   R   V   E   L   L   O   U   S

Input :   "PPA"

Output :   P

            P   P

            P   P   A

Solution :

```
void Pattern(char *str)
{
    // Logic
}
```

5.Write a program which accept string from user and print below pattern.

Input :   "Marvellous"

Output :   m   a   r   v   e   l   l   o   u   s

              m   a   r   v   e   l   l   o   u   s

              m   a   r   v   e   l   l   o   u   s

              m   a   r   v   e   l   l   o   u   s

              m   a   r   v   e   l   l   o   u   s

              m   a   r   v   e   l   l   o   u   s

              m   a   r   v   e   l   l   o   u   s

              m   a   r   v   e   l   l   o   u   s

              m   a   r   v   e   l   l   o   u   s

              m   a   r   v   e   l   l   o   u   s

Input :   "PPA"

Output :   p

              p   p

              p   p   a

Solution :

void Pattern(char *str)

{

   // Logic

}