 Marwadi University	Marwadi University Faculty of Technology Department of Information and Communication Technology	
Sem : 5	Name : Pushti Depani	
Day : 18	Date : 04/11/2022	Enrollment No: 92000133018

CP Club 365Days Challenge

Date – 04/11/2022

Programming language – only C language

Problem Statement

Write the code not just for one input but for many more.(Dynamic code)

Code must be in C language only

input - 5

output -

```

1   2   3   4   5
2   4   6   8  10
3   6   9  12  15
4   8  12  16  20
5  10  15  20  25


```

Your Code:

```

#include <stdio.h>
int main()
{

```

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```

int rows, r, c;
    printf("Enter number of rows: ");
    scanf("%d", &rows);
    for(r=0;r<rows;r++)
    {
        for(c=0;c<rows;c++)
        {

            printf("%-4d", (r+1)*(c+1));

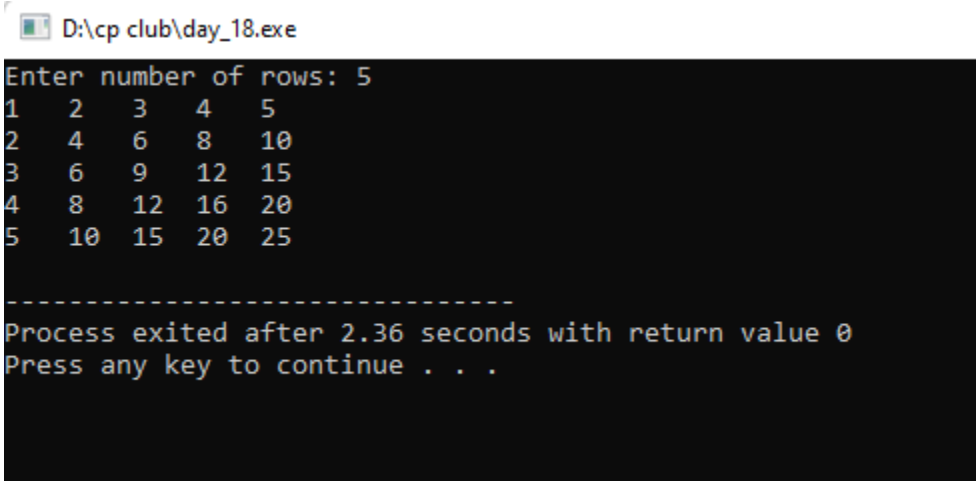
        }

        printf("\n");
    }

    return 0;
}

```

Output (Screen Shot):



```


D:\cp club\day_18.exe
Enter number of rows: 5
1  2  3  4  5
2  4  6  8  10
3  6  9  12 15
4  8  12 16 20
5  10 15 20 25

-----
Process exited after 2.36 seconds with return value 0
Press any key to continue . . .

```

Understanding about problem:

From this program I have learned about how to create simple pattern using for and if

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condition. Moreover Pattern programs gives the working of looping structures in general purpose programming languages. Its helps user to visualize how every iteration in a loop works.

Note: If you can't understand the problem, feel free to contact us and we'll help you. Please don't copy and paste from anywhere.

ALL THE BEST

Team CP Club