

# Assignment-2

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Q1.

Ans:

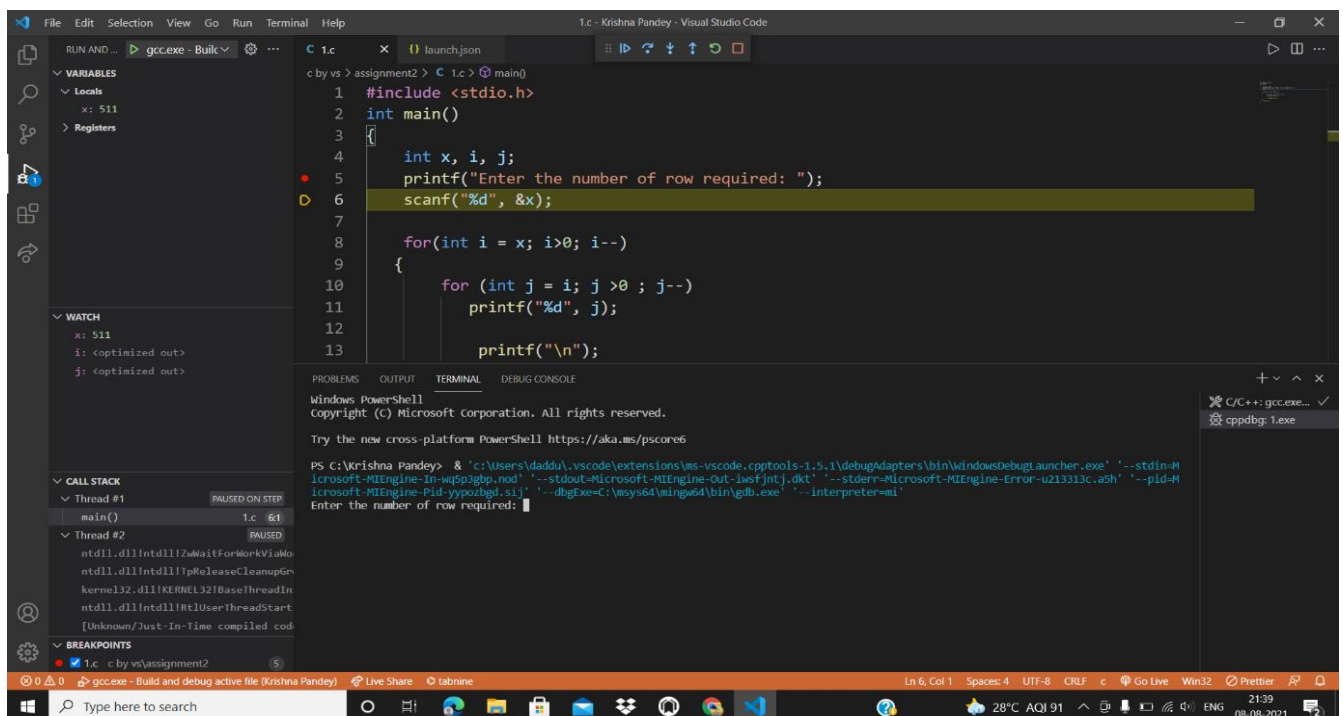
```
#include <stdio.h>

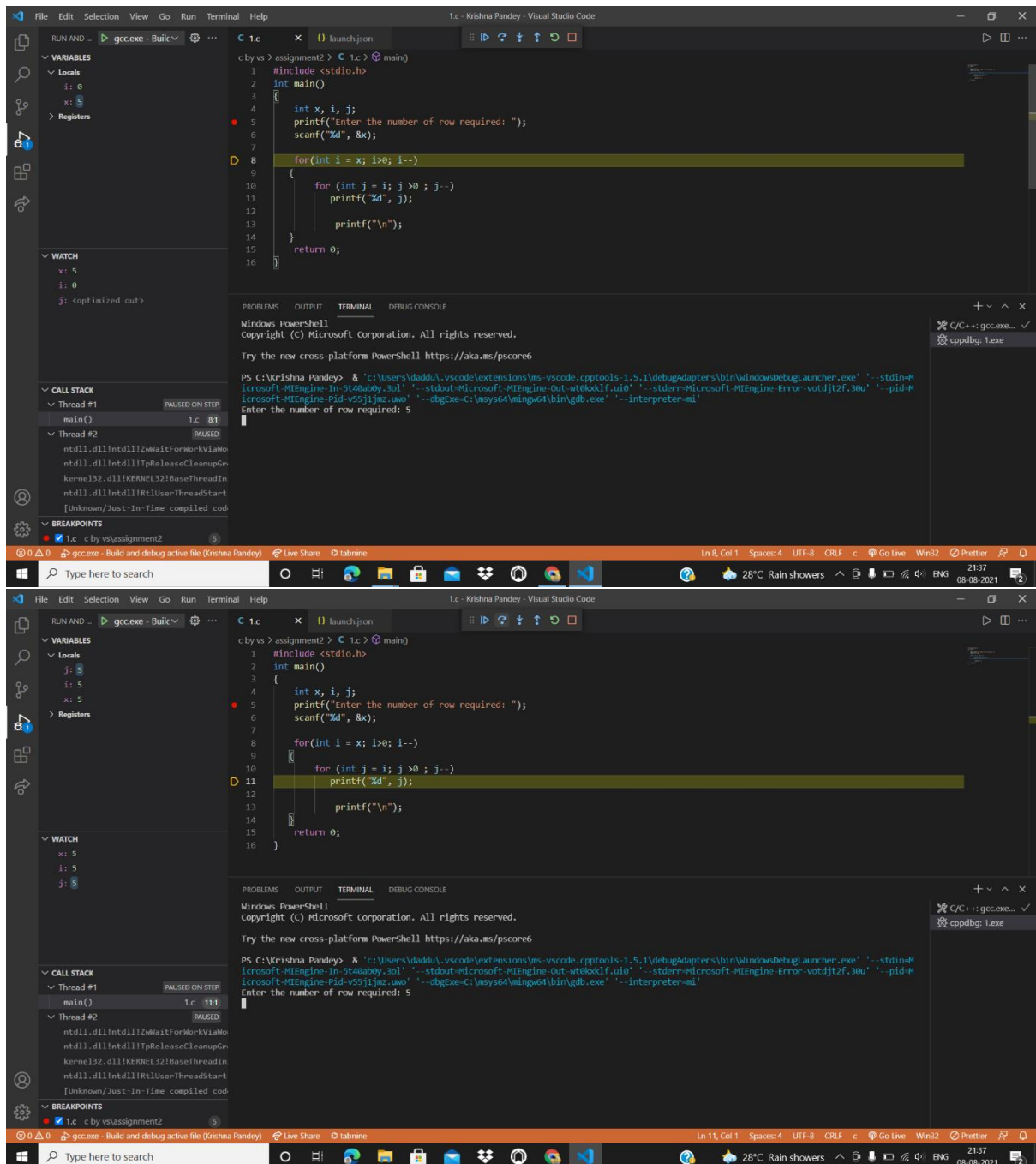
int main()
{
    int x, i, j;
    printf("Enter the number of row required: ");
    scanf("%d", &x);

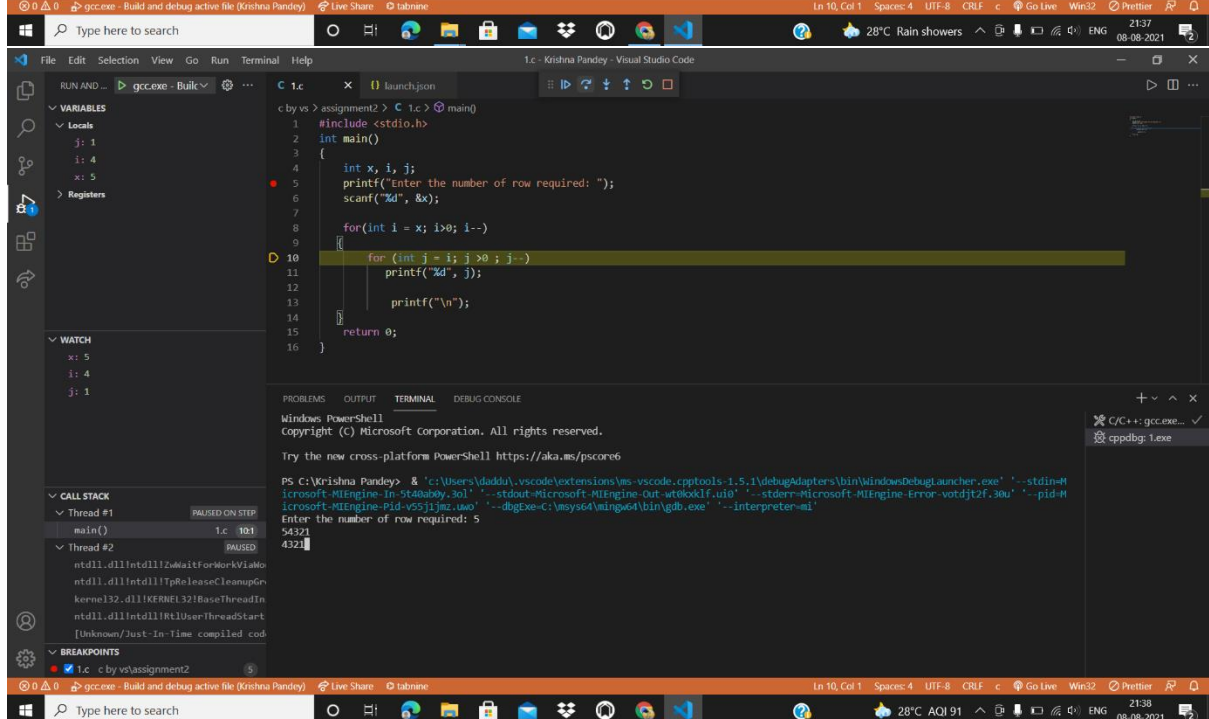
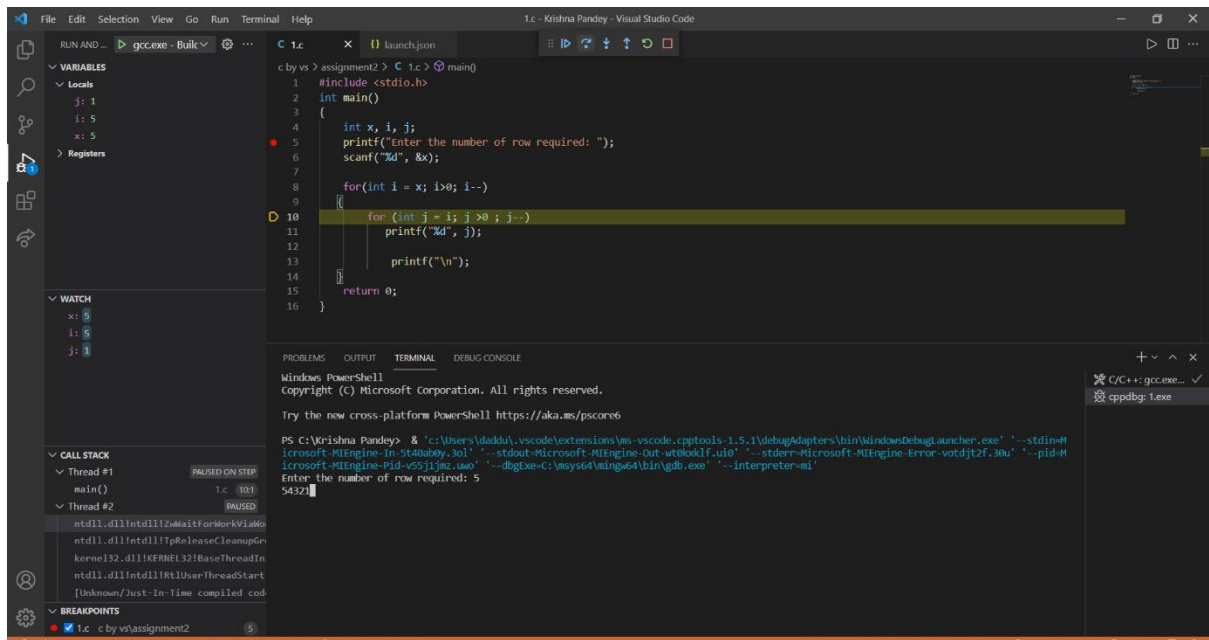
    for(int i = x; i>0; i--)
    {
        for (int j = i; j >0 ; j--)
            printf("%d", j);

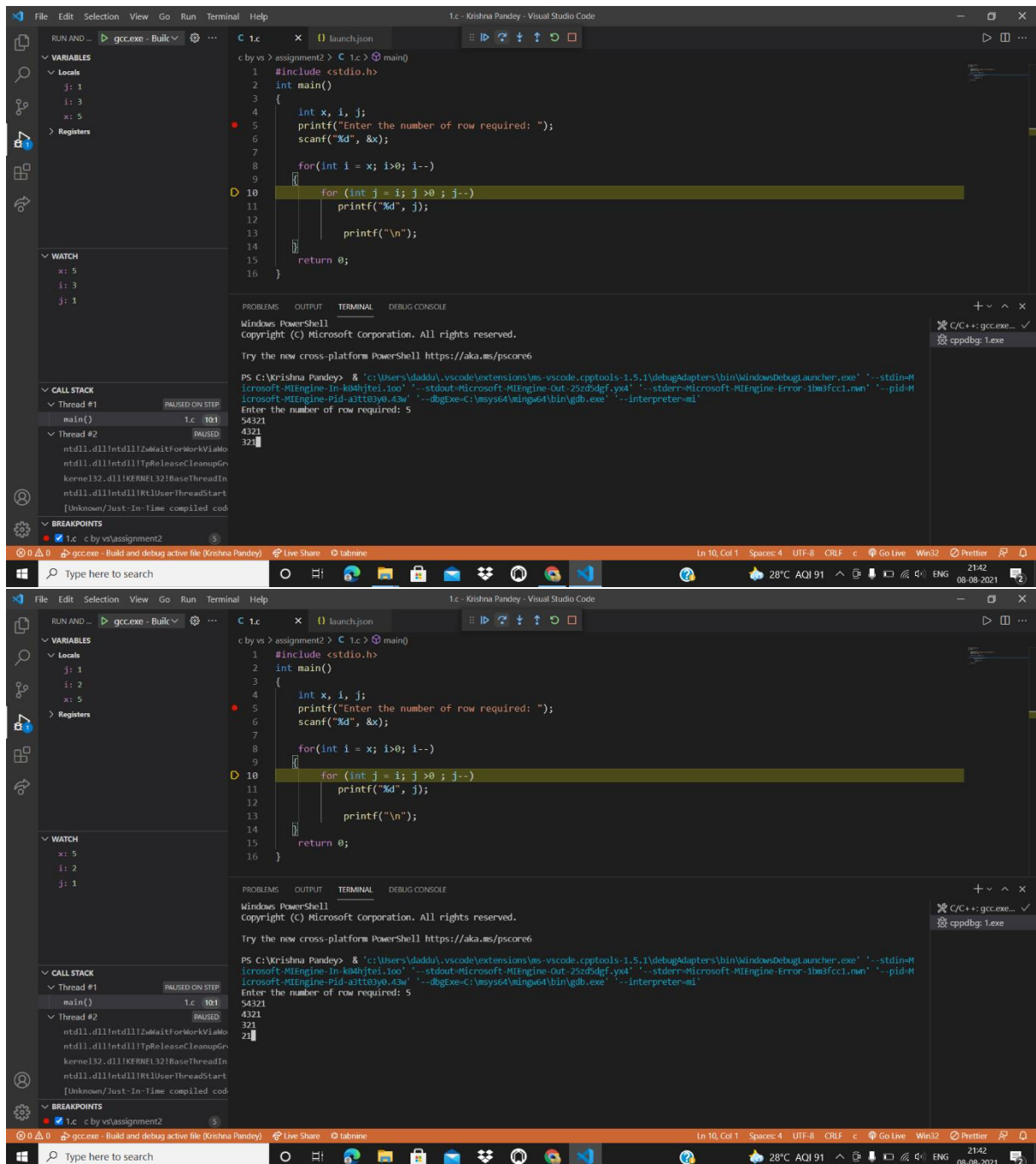
        printf("\n");
    }
    return 0;
}
```

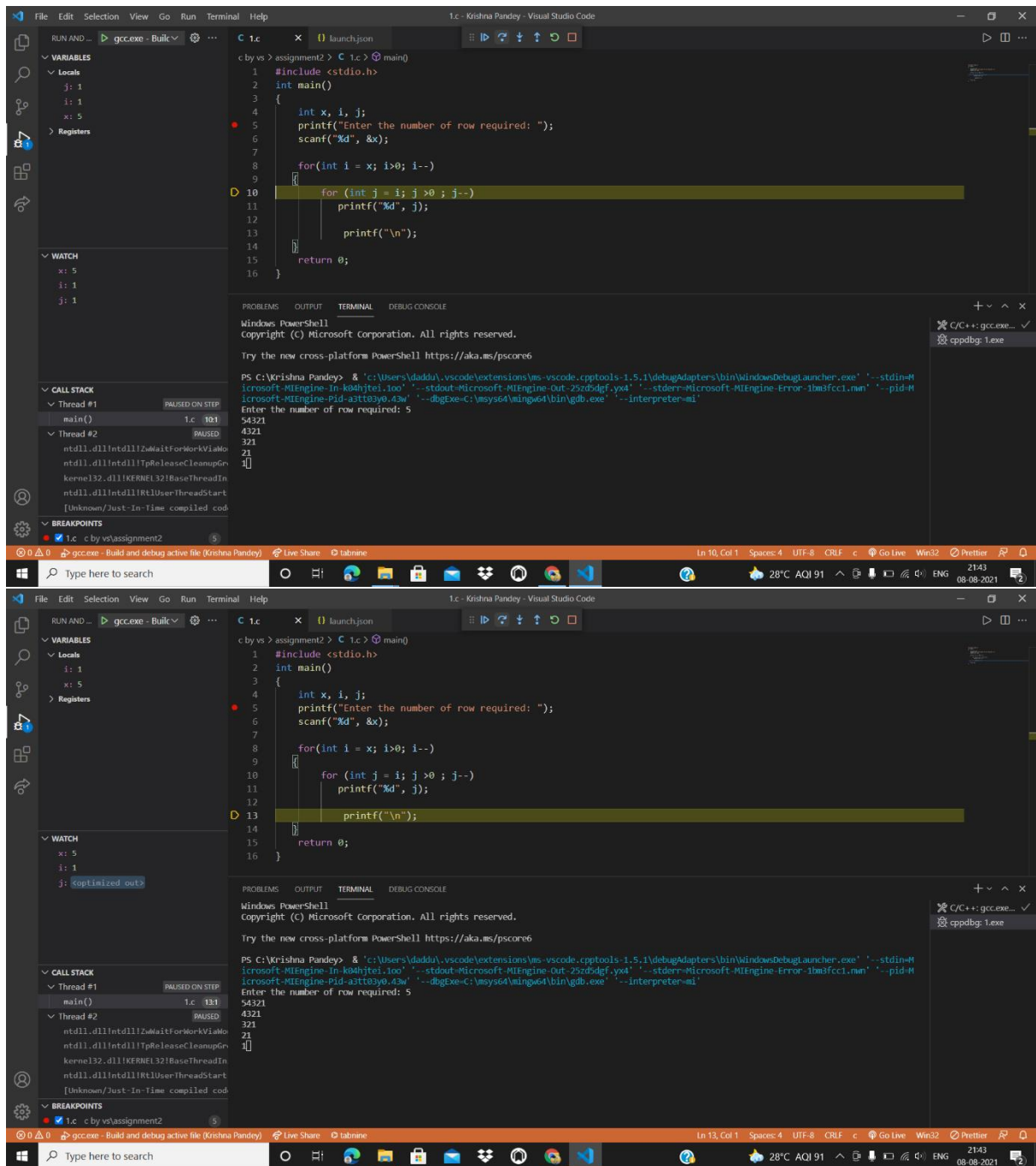
Debugging screenshots

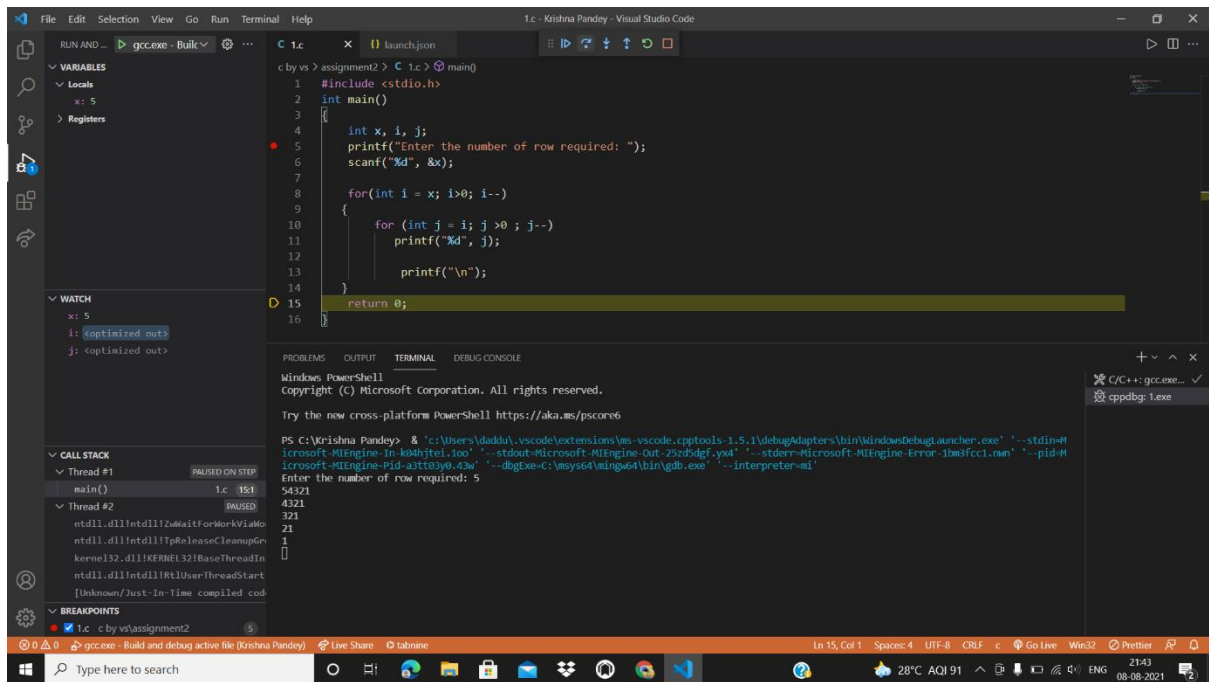












Q2.

Ans:

```

#include <stdio.h>
int main()
{
    int rows, space, i, j, coef = 1;
    printf("Enter the number of rows: ");
    scanf("%d", &rows);
    for (i = 0; i < rows; i++)
    {
        for (space = 1; space <= rows - i; space++)
            printf(" ");
        for (j = 0; j <= i; j++)
        {
            if (j == 0 || i == 0)
                coef = 1;
            else
                coef = coef * (i - j + 1) / j;
            printf("%4d", coef);
        }
        printf("\n");
    }
    return 0;
}

```



