Practice - 2

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3) Accept input from user and print n - rows of output.

```
#include<stdio.h>
int main()
{
    int n, i, j, count = 0;
    printf("Enter the number of rows: ");
    Scanf("%d", &n);
    for(i=1; i<=n; i++)
    {
        printf("\n");
        for(j=1; j<=i; j++)
        {
            count++;
            printf("%d \t", count);
        }
    }
    return 0;
}
```

4) Accept ~~6~~ p CIE & SEE marks & print grades of student.

```
# include <stdio.h>
int main()
{
float cie, see, total;
printf("Enter the CIE & SEE marks respectively");
scanf("%f %f", &cie, &see);
total = cie + (see/2);
if ( total < 100 && total >= 90)
    printf(" Grade is S");
else if (total < 90 && total >= 80)
    printf(" Grade is A");
else if ( total < 80 && total >= 70)
    printf(" Grade is B");
else if ( total < 70 && total >= 60)
    printf(" Grade is C");
else if ( total < 60 && total >= 40)
    printf(" Grade is D");
else printf(" Grade is FAIL");
return 0;
}
```

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5) Print Prime Number b/w given two numbers.

```
#include <stdio.h>
int main()
{
    int l, h, i, flag;
    printf("Enter two numbers : ");
    scanf("%d %d", &l, &h);
    printf("Prime number b/w %d & %d are: ",
                                    l, h);
    while(l<=h){
        flag = 0;
        if(l<=1){
            ++l;
            continue;
        }
        for(i=2, i<=l/2; ++i)
        {
            if(l%i==0)
            {
                flag = 1;
                break;
            }
        }
        if(flag==0)
            print("%d ", l);
        ++l;
    }
    return 0;
}
```