**Ques 3**

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

# Ques 4

```c
#include <stdio.h>
int main (void)
{
    float cie, see, sum;
    printf("Enter CIE marks out of 50: \n");
    scanf(" %f", &cie);
    printf("Enter SEE marks out of 100: \n");
    scanf(" %f", &see);
    sum = cie + (see/2);

    if (sum >= 90)
    {
        printf("Grade :S");
    }
    elseif (sum >= 80)
    {
        printf("Grade : A");
    }
    elseif (sum >= 70)
    {
        printf("Grade : B");
    }
    else if (sum >= 60)
    {
        printf("Grade :C");
    }
```

2.

```c
    elseif ( sum >= 50)
    {
        printf ("Grade : D");
    }
    elseif ( sum >= 40 )
    {
        printf ("Grade : E");
    }
    else if ( sum < 40 )
    {
        printf ("Grade : F");
    }

    return 0;

}
```

# Ques 5:

```c
# include <stdio.h>
int main ()
{
    int no1, no2, i, flag, x;
    printf("Enter the two numbers (Intervals): ");
    scanf("%d %d", &no1, &no2);
    printf("Prime number between %d and %d are : ",
                        no1, no2);
    if (no1 > no2)
    {
        x = no1;
        no1 = no2;
        no2 = x;
    }
    while (no1 < no2)
    {
        flag = 0;
        if (no1 < = 1)
        {
            no1 ++;
            continue;
        }
```

```c
for (i = 2; i <= not / 2; i++)
{
    if (not % i == 0)
    {
        flag = 1;
        break;
    }
}

if (flag == 0)
    printf("%d", not);
not++;
}

return 0;
}
```