

classmate
Date _____
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73) Write a program to generate and display given range of numbers.

```
→ #include <stdio.h>
void main()
{
    int sn, en, i;
    clrscr();
    printf("Enter Range of numbers:");
    scanf("%d %d", &sn, &en);
    printf("Generation of natural numbers from %d to %d\n", sn, en);
    for (i = sn; i <= en; i++)
    {
        printf("%d ", i);
        getch();
    }
}
```

74) Write a program to generate and display all the palindrome numbers from given range and also display number of numbers.

```
→ #include <stdio.h>
void main()
{
    int sn, en, i, num, digit, rev, count = 0;
    clrscr();
    printf("Enter Range of numbers:");
    scanf("%d %d", &sn, &en);
    printf("Generation of all palindrome numbers from %d to %d\n", sn, en);
    for (i = sn; i <= en; i++)
    {
        num = i;
        rev = 0;
        while (num > 0)
        {
            digit = num % 10;
            rev = rev * 10 + digit;
            num = num / 10;
        }
        if (i == rev)
            count++;
    }
    printf("Total number of palindromes: %d", count);
}
```