

LAB-5-EVALUATION PROGRAMS

PROGRAM-1-EVEN NUMBERS FROM M TO N

```
// |EVEN NUMBERS FROM M TO N
#include <stdio.h>
int main()
{
    int m;
    int n;
    int i;
    printf("Enter the value of m = ");
    scanf("%d", &m);
    printf("Enter the value of n = ");
    scanf("%d", &n);
    for(i=m; i<=n; i++)
    {
        if(i%2==0)
        {
            printf("Even numbers from %d to %d = %d\n ", m, n, i);
        }
    }
    return 0;
}
```

OUTPUT:

```
Enter the value of m = 1
Enter the value of n = 20
Even numbers from 1 to 20 = 2
Even numbers from 1 to 20 = 4
Even numbers from 1 to 20 = 6
Even numbers from 1 to 20 = 8
Even numbers from 1 to 20 = 10
Even numbers from 1 to 20 = 12
Even numbers from 1 to 20 = 14
Even numbers from 1 to 20 = 16
Even numbers from 1 to 20 = 18
Even numbers from 1 to 20 = 20
Process returned 0 (0x0)   execution time : 14.520 s
Press any key to continue.
^
```

```
Enter the value of m = 0
Enter the value of n = 13
Even numbers from 0 to 13 = 0
Even numbers from 0 to 13 = 2
Even numbers from 0 to 13 = 4
Even numbers from 0 to 13 = 6
Even numbers from 0 to 13 = 8
Even numbers from 0 to 13 = 10
Even numbers from 0 to 13 = 12
Process returned 0 (0x0)   execution time : 17.336 s
Press any key to continue.
```

```
Enter the value of m = 5
Enter the value of n = 25
Even numbers from 5 to 25 = 6
Even numbers from 5 to 25 = 8
Even numbers from 5 to 25 = 10
Even numbers from 5 to 25 = 12
Even numbers from 5 to 25 = 14
Even numbers from 5 to 25 = 16
Even numbers from 5 to 25 = 18
Even numbers from 5 to 25 = 20
Even numbers from 5 to 25 = 22
Even numbers from 5 to 25 = 24
Process returned 0 (0x0)   execution time : 9.367 s
Press any key to continue.
```

PROGRAM-2-VOWEL OR CONSONANT USING SWITCH CASE

```
// VOWEL OR CONSONANT
#include <stdio.h>
int main()
{
    char ch;
    printf("Enter any alphabet: ");
    scanf("%c", &ch);
    switch(ch)
    {
        case 'a':

        case 'e':

        case 'i':

        case 'o':

        case 'u':
        {
            printf("Vowel");
        }
        break;
        case 'A':

        case 'E':

        case 'I':

        case 'O':

        case 'U':
        {
            printf("Vowel");
        }
        break;
        default:
        {
            printf("Consonant");
        }
    }
    return 0;
}
```

OUTPUT:

```
Enter any alphabet: J
Consonant
Process returned 0 (0x0)   execution time : 8.327 s
Press any key to continue.
```

```
Enter any alphabet: a
Vowel
Process returned 0 (0x0)   execution time : 5.599 s
Press any key to continue.
```

```
Enter any alphabet: I
Vowel
Process returned 0 (0x0)   execution time : 5.207 s
Press any key to continue.
```