

# Institute of Technology of Cambodia



## ALGORITHM & PROGRAMMING

### Assignment TP04

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### Objective

Using: Loop(for loop, while loop and Do while loop)

```

#include<stdio.h>
main()
{
    int n1,n2;
    int s=0;
    int m=1;

    printf("Enter the starting number:");
    scanf("%d",&n1);

    printf("Enter the ending number:");
    scanf("%d",&n2);

    for(n1; n1<=n2; n1=n1+1){

        printf("%d ", n1);

        s=s+n1;
        m=m*n1;
    }

    printf("\nSummation is:%d\nMultiplication is:%d\n",s,m);
}

```

Enter the starting number:1  
 Enter the ending number:10  
 1 2 3 4 5 6 7 8 9 10  
 Summation is:55  
 Multiplication is:3628800  
 Process returned 0 (0x0) execution time : 3.86 s  
 Press any key to continue.