

LAB-4-EXTRA PROGRAMS

PROGRAM-1-MULTIPLES OF N FROM 1 TO 100

```
//          MULTIPLES OF N FROM 1 TO 100
#include<stdio.h>
void main()
{
    int n;
    int i;
    printf("Enter a number = ");
    scanf("%d", &n);
    for(i=1; i<=100; i++)
    {
        if(i%n==0)
        {
            printf("%d\t", i);
        }
    }
}
```

OUTPUT:

```
Enter a number = 5
5      10      15      20      25      30      35      40      45      50      55      60      65      70      75
      80      85      90      95      100
Process returned 4 (0x4)   execution time : 9.290 s
Press any key to continue.
```

```
Enter a number = 6
6      12      18      24      30      36      42      48      54      60      66      72      78      84      90
      96
Process returned 4 (0x4)   execution time : 3.066 s
Press any key to continue.
```

```
Enter a number = 8
8      16      24      32      40      48      56      64      72      80      88      96
Process returned 4 (0x4)   execution time : 2.841 s
Press any key to continue.
```

PROGRAM-2-SUM OF DIGITS

```
// SUM OF DIGITS
#include<stdio.h>
void main()
{
    int n;
    int a;
    int sum=0;
    printf("Enter a number = ");
    scanf("%d",&n);
    while(n!=0)
    {
        a=n%10;
        sum=sum+a;
        n=n/10;
    }
    printf("Sum of digits = %d",sum);
}
```

OUTPUT:

```
Enter a number = 123
Sum of digits = 6
Process returned 17 (0x11)    execution time : 2.336 s
Press any key to continue.
_
```

```
Enter a number = 890
Sum of digits = 17
Process returned 18 (0x12)    execution time : 4.378 s
Press any key to continue.
```

```
Enter a number = 4869
Sum of digits = 27
Process returned 18 (0x12)    execution time : 7.759 s
Press any key to continue.
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```