

USP 068

① /* To find the sum of digits of a number */

```
#include <stdio.h>
```

```
int main()
```

```
{
```

```
    int n, sum=0, digit;
```

```
    printf ("Enter the number:");
```

```
    scanf ("%d", &n);
```

```
    while (n!=0)
```

```
    {
```

```
        digit = n%10;
```

```
        sum = sum + digit;
```

```
        n = n/10;
```

```
    }
```

```
    printf ("sum of digits is %d", sum);
```

```
    return 0;
```

```
}
```

② /* To find the multiples of a given no. betⁿ 1 to 100 */

```
#include <stdio.h>
```

```
int main
```

```
{
```

```
    int num, i, n;
```

```
    printf ("Enter a number between 1 and 100 ");
```

```
    scanf ("%d", &num);
```

```

if (num > 0)
{
    printf("The multiples of %d from 1 to 100 are \n", num);
    for (i = 1; i <= 100; i++)
    {
        n = num * i;
        if (n > 0 && n <= 100)
            printf("%d\t", n);
        else
            printf("%d does not have any multiples\n", num);
        return 0;
    }
}

```

③ #include <stdio.h>

void main()

{

int m, n;

printf("Enter the value of m and n: ");

scanf("%d %d", &m, &n);

if (m < n)

printf("not possible\n");

else

printf("The even numbers between m and n are: ");

if (m % 2 == 0)

i = m

else

i = m + 1;

for (i <= n; i += 2)

{ printf("%d\t", i); }

getch();