TEST-2

Find the Number of Integers Divisible by 5

```c
#include <stdio.h>

void main()
{
    int i, num1, num2, count = 0, sum = 0;

    printf("Enter the value of num1 and num2 \n");
    scanf("%d %d", &num1, &num2);
    /* Count the number and compute their sum*/
    printf("Integers divisible by 5 are \n");
    for (i = num1; i < num2; i++)
    {
    if (i % 5 == 0)
    {
            printf("%3d,", i);
            count++;
            sum = sum + i;
    }
    }
    printf("\n Number of integers divisible by 5 between %d and %d =
%d\n", num1, num2, count);
    printf("Sum of all integers that are divisible by 5 = %d\n", sum);
}
```

Check if Two Numbers are Equal

```c
#include <stdio.h>

int main() {

    int num1, num2;

    printf("Enter First Number: ");

    scanf("%d", &num1);

    printf("Enter Second Number: ");

    scanf("%d", &num2);

    if (num1 == num2) {

    printf("Both numbers are equal.");

    } else {

    printf("Numbers are not equal");

    }

    return 0;

}
```

Sum of Digits

```c
#include<stdio.h>

 int main()

{

int n,sum=0,m;

printf("Enter a number:");

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

```
while(n>0)

{

m=n%10;

sum=sum+m;

n=n/10;

}

printf("Sum is=%d",sum);

return 0;

}
```

Increment by 1 to all the Digits of a Given Integer

```c
#include <stdio.h>


int main()
{
    int number, sum = 0, remainder, count;


    printf("Enter a number: ");

    scanf("%d", &number);

    while (number)
    {
    remainder = number % 10;

    sum  = sum + (remainder + 1);

    number /= 10;
```

```c
    }

    printf("increasing 1 to all digits:  %d", sum);

    return 0;

}
```

Multiplication Table

```c
#include <stdio.h>

int main() {

  int n;

  printf("Enter an integer: ");

  scanf("%d", &n);


  for (int i = 1; i <= 10; ++i) {

    printf("%d * %d = %d \n", n, i, n * i);

  }

  return 0;

}
```