

```
#include<stdio.h>
//sum Three digit //
void main()

{

    int n,r,sum=0;
    printf("Enter the No. here ...");
    scanf("%d",&n);
    /*
    while(n>0)
    {
        r=n%10;
        sum=sum+r;
        n=n/10;
    }*/
    printf("Your No. is : %d\n",n);
    for(n;n>0;n=n/10)
    {
        r=n%10;
        sum=sum+r;
    }
    printf("Hey For Above No. its Sum of
digits is: %d",sum);

}
```

```

#include<stdio.h>
// Factorial//
void main()
{
    int n,i=1,f=1;
    printf("Enter Your NO. here ...");
    scanf("%d",&n);

    // With for loop//

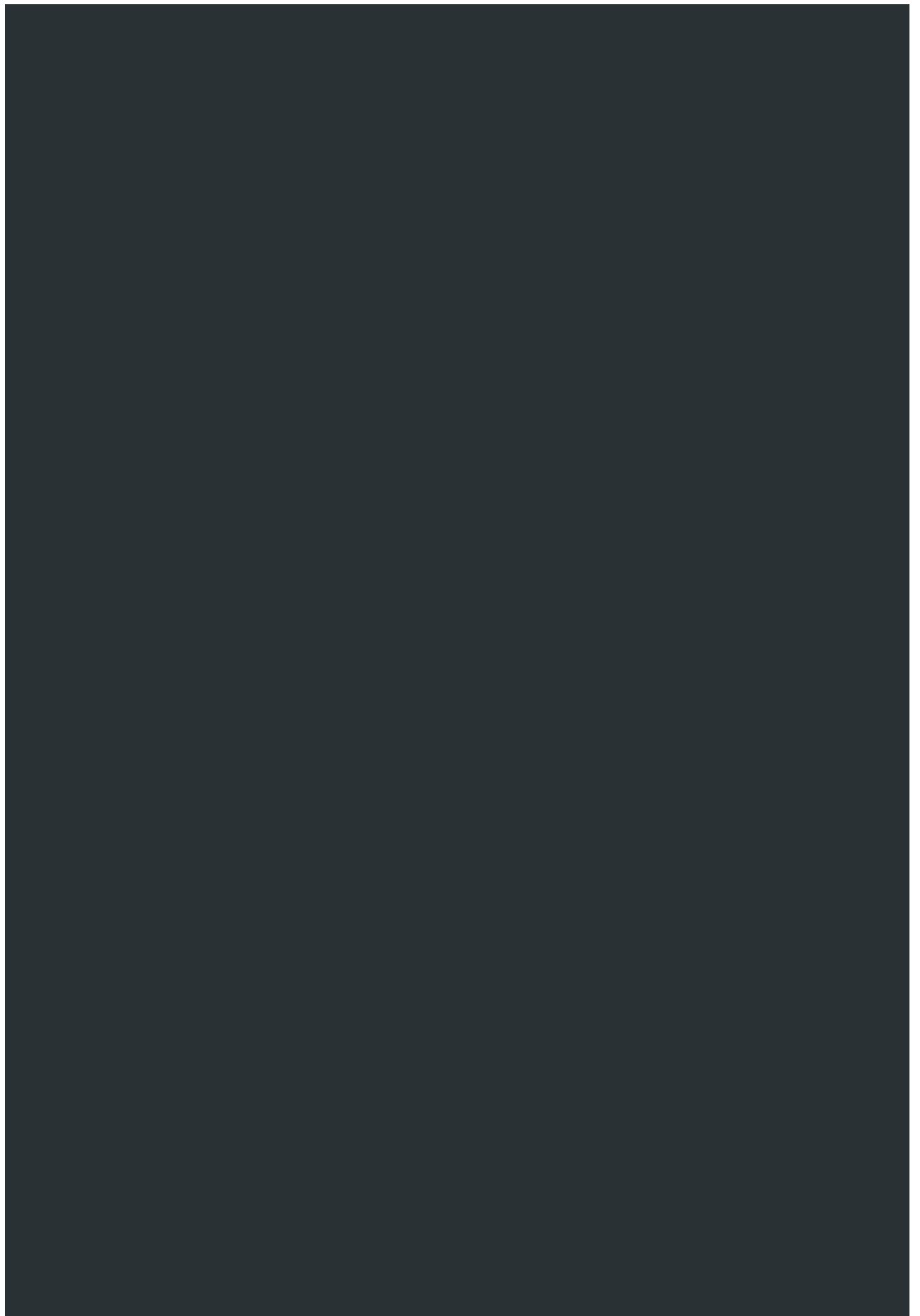
/*  for(i=1;i<=n;i++)
    {

        f=f*i;
    }

    printf("\n Hey..\n      Factorial of %d is
%d:",n,f);
*/
    //with while loop//

    while(i<=n)
    {
        f=f*i;
        i++;
    }
    printf("      Hey..\nFactorial of %d is
%d:",n,f);
}

```



```

#include<stdio.h>
// prime no.//
void main()
{
    int count=0,n,i;

    printf("Enter your no. for Checking...");
    scanf("%d",&n);
    /*if(n==2)
    {
        printf("Enter your no. for Checking...");
    }*/

    /*if (n==1)
    {
        printf("prime.");
    }
    else
    {*/

    for(i=2;i<=n/2;i++)
    {
        if(n%i==0)
        {
            count=1;
            break;
        }
    }

    if(count==0)
    {
        printf("      Hey\n %d is a Prime
no.",n);
    }
}

```

```

    }
    else{
        printf("      Hey\n %d is a Prime
no.",n);
    }
}

```

```

/*
#include <stdio.h>
void main()
{
    int n, i, count = 0;

    printf("Enter number to check prime
number or not");
    scanf("%d",&n);
    i=2;
    while( i<=n/2)
    {
        // check for non prime number
        if(n%i==0)
        {
            count=1;
            break;
        }
        i++;
    }
    //ternary ....//

```

```
count == 1 ? printf("Not Prime") :  
printf("Prime");
```

or

```
if (count==0)  
    printf("%d is a prime number.",n);  
else  
    printf("%d is not a prime number.",n);  
}  
  
}  
*/
```