

(1)

```
#include<stdio.h>

int main()
{
    int i,sum=0,n;
    printf("Enter an integer\n");
    scanf("%d",&n);
    for(i=1;i<=n;i++)
        sum=sum+i;
    printf("sum of natural numbers is %d",sum);
    return 0;
}
```

(2)

```
#include<stdio.h>

int main()
{
    int i,sum=0,n;
    printf("Enter an integer\n");
    scanf("%d",&n);
    for(i=1;i<=n;i++)
        {if(i%2==0)
            sum=sum+i;}
    printf("Sum of numbers is %d",sum);
    return 0;
}
```

(3)

```
#include<stdio.h>

int main()
{
```

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

printf("Enter the integer number\n");

scanf("%d",&n);

for(i=1;i<=n;i++)

{

    if(i%2!=0)

        sum=sum+i;

}printf("Sum of numbers is %d",sum);

return 0;

}
```

(4)

```
#include<stdio.h>

int main()

{

    int i,x,sum=0;

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

    {

        x=i*i;

        sum=sum+x;

    } printf("sum of square of ten numbers is %d",sum);

    return 0;

}
```

(5)

```
#include<stdio.h>

int main()

{

    int i,x,sum=0;

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

    {
```

```

        x=i*i*i;

        sum=sum+x;

    } printf("sum of square of ten numbers is %d",sum);

    return 0;

}

```

(6)

```

#include<stdio.h>

int main()
{
    int i,n,fact=1;

    printf("Enter the number\n");

    scanf("%d",&n);

    for(i=1;i<=n;i++)

        fact=fact*i;

    printf("Factorial of %d is %d",n,fact);

    return 0;

}

```

(7)

```

#include<stdio.h>

int main()
{
    int n,count;

    printf("Enter the number\n");

    scanf("%d",&n);

    while(n!=0)

    {

        n=n/10;

        count++;

    }printf("Number of digit is %d",count);

}

```

```
        return 0;
    }

(8)
#include<stdio.h>
int main()
{
    int n,f=0,i;
    printf("Enter the number\n");
    scanf("%d",&n);
    for(i=2;i<n;i++)
    {
        if(n%i==0)
        {
            f==1;
            break;
        }
    }
    if(f==0)
        printf("Prime number");
    else
        printf("Not prime");
    return 0;
}
```

```
(9)
#include<stdio.h>
int main()
{
    int x,y,i;
    printf("Enter two numbers");
    scanf("%d %d",&x,&y);
```

```

for(i=1;i<=x*y;i++)
{
    if((i%x==0)&&(i%y==0))
        printf("LCM of %d and %d is \n%d\n",x,y,x*y);
}return 0;
}

```

(10)

```

#include<stdio.h>
int main()
{
    int n,rem,rev;
    printf("Enter the number\n");
    scanf("%d",&n);
    while(n!=0)
    {
        rem=n%10;
        rev=rev*10+rem;
        n=n/10;
    }
    printf(" Reverse Number is %d",rev);
    return 0;
}

```

