

Q1. Even Numbers from 1 to 100.**Code:**

```
#include<stdio.h>

//even numbers from 1 to 100

int main(){

    int i;

    for(i = 1; i <= 100; i++){

        if(i % 2 == 0){

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

        }

    }

    return 0;

}
```

Q2. Odd Numbers from 1 to 100.**Code:**

```
#include<stdio.h>

//odd number from 1 to 100

int main(){

    int i;

    for(i = 1; i <= 100; i++){

        if(i % 2 != 0){

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

        }

    }

    return 0;

}
```

Q3. Prime Numbers from 1 to 100.

Code:

```
#include<stdio.h>

//print of all prime number from 1 to 100

int main(){

    int num,checker;

    for(num = 1; num <= 100; num++){

        int isPrime = 1;

        if (num <= 1) {

            isPrime = 0;

        }

        else {

            for(checker = 2; checker <= num / 2; checker++){

                if(num % checker == 0){

                    isPrime = 0;

                    break;

                }

            }

        }

        if(isPrime){

            printf("%d\n", num);

        }

    }

    return 0;

}
```

Q4. Sum of N natural numbers.

Code:

```
#include<stdio.h>

int main(){

    int N;

    int sum = 0;

    printf("Enter the value of N: ");

    scanf("%d", &N);

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

        sum += i;

    }

    printf("The sum of first %d natural numbers is %d\n", N, sum);

    return 0;

}
```

Q5. Factorial of N.

Code:

```
#include<stdio.h>

int main(){

    int number;

    printf("Please enter a number:");

    scanf("%d",&number);

    int fact=1;

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

        fact=fact*i;

    }

    printf("The factorial of %d is %d",number,fact);

    return 0;

}
```

```
}
```

Q6. Sum of digits of the given number.**Code:**

```
#include<stdio.h>

// sum of digits of a given number

int main(){

    int num;

    printf("Please enter a number:");

    scanf("%d",&num);

    int sum=0;

    while(num>0){

        sum+=num%10;

        num=num/10;

    }

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

    return 0;

}
```

Q7. Reverse Order of the digits of the given number.**Code:**

```
#include<stdio.h>

// reverse of a number

int main(){

    int num;

    printf("Please enter a number:");

    scanf("%d",&num);

    int prnum=0;
```

```
while(num>0){  
    prnum=num%10;  
    printf("%d",prnum);  
    num=num/10;  
}  
  
return 0;  
}
```

Q8. Table of a give number.

Code:

```
#include<stdio.h>  
  
int main(){  
    int count, number ;  
  
    printf("Please enter the number for which you want to print the table: ");  
  
    scanf("%d", &number);  
    for(count=1; count<=10; count++){  
        printf("%d * %d = %d\n", number, count, number*count);  
    }  
    return 0;  
}
```