```c
// Q1. WAP to check the entered number is prime or not using function.

#include <stdio.h>

void prime(int number){
    int count = 0;
    for (int i = 2; i < number; i++)
    {
        if(number%i==0){
            count+=1;
        }
    }

    if(count==0){
        printf("Prime number.");
    }
    else{
        printf("Not prime.");
    }
}

int main(){
    int number;
    printf("Enter a number : ");
    scanf("%d", &number);
    prime(number);
    return 0;
}
```

```c
// Q2. WAP to check the number is armstrong or not by using function.

#include <stdio.h>

int armstrong(int number){
    int originalNumber, sumNumber=0, remainder;

    originalNumber = number;

    while (number!=0)
    {
        remainder = number%10;
        sumNumber += remainder*remainder*remainder;
        number = number/10;
    }

    return sumNumber;

}

int main(){
    int num;
    printf("Enter a number = ");
    scanf("%d", &num);

    if(num>0 && num == armstrong(num)){
        printf("Yes, %d is an armstrong number.", num);
    }
    else{
        printf("No, it's not an armstrong.");
    }
    return 0;
}
```

```c
// Q3. WAP to check whether a number is less than 0 or greater than 0 and if greater than 10 or not or in between 0 and 10.

#include <stdio.h>


void check(int n){
    if(n<0){
        printf("Number is -ve.");
    }
    else if(n>0 && n<10){
        printf("Number is +ve and between 0 to 10.");
    }
    else if(n>10){
        printf("Number is +ve and greater than 10.");
    }
}

int main(){
    int number;
    printf("Enter a number : ");
    scanf("%d", &number);
    check(number);
    return 0;
}
```

```c
// Q4. WAP to find the factorial of a number by using function.

#include <stdio.h>

void factorial(int n){
    int multiply = 1;
    for (int i = 1; i <= n; i++)
    {
        multiply*=i;
    }
    printf("Factorial of %d = %d", n, multiply);
}

int main(){
    int number;
    printf("Enter a number : ");
    scanf("%d", &number);

    factorial(number);
    return 0;
}
```

```c
// Q5. WAP to find the sum of 'n' natural numbers using function
where 'n' should be entered by the user.

#include <stdio.h>

void natualSum(int n){
    int sum = 0;
    sum = (n*(n+1))/2;

    printf("Sum of n natural number is %d", sum);
}

int main(){
    int number;
    printf("Enter a number : ");
    scanf("%d", &number);
    natualSum(number);

    return 0;
}
```