

① write a C program to Strong number.

```
#include <csbio.h>
#include <conio.h>
int main()
{
    int a, temp, digit, Fact, i, sum=0;
    printf ("Enter a value");
    scanf ("%d", &a);
    temp = a;
    while (a>0)
    {
        digit = a%10;
        Fact = 1;
        for (i=1; i<=digit; i++)
        {
            Fact *= i;
        }
        sum += Fact;
        temp /= 10;
    }
    if (temp == 0)
        printf ("Strong Number");
    else
        printf ("Not Strong Number");
}
```

```

if (sum == num)
{
    printf ("%d is a strong number");
}
else
{
    printf (" Is not a strong number");
}
getch();
return 0;
}

```

Output:-

Enter a Value: 145

Is a prime strong number.

② Write a C program to perfect number.

```

#include <stdio.h>
#include <conio.h>
int main()
{
    int a, i, sum = 0;
    printf ("Enter a value");
    scanf ("%d", &a);
    for (i = 1; i <= a/2; i++)
    {
        if (num % i == 0)
        {
            sum = sum + i;
        }
    }
    if (sum == num)
    {
        printf (" Is a perfect number.");
    }
}

```

```
    }
else
{ printf ("Is not a Perfect Number.");
}
getch ()
return 0;
}
```