a) write a program to check strong number

```c
# include <stdio.h>
int factorial (int n)
{
    int i , fact = 1;
    for (i=1; i<=n; i++)
    {
        fact = fact * i;
    }
    return fact;
}
int main (void)
{
    int number , sum = 0;
    printf ("Enter the number : ");
    scanf ("%d", &number);
    int i = n;
    while (i! =0)
    {
        sum = sum + factorial (i %10);
        i = i /10;
    }
    if (sum == n)
    {
        printf ("%d is strong number", number);
    }
    else
    {
        printf ("%d is not a strong number", number);
    }

    return 0;
}
```

Write a program to check perfect number

```c
#include <stdio.h>

int main()
{
    int number, rem, sum = 0, i;

    printf("Enter a number :");
    scanf("%d", &number);
    for (i = 1; i <= (number - 1); i++)
    {
        rem = number % i;
        if (rem == 0)
        {
            sum = sum + i;
        }
    }
    if (sum == number)
        printf("%d is perfect number", number);
    else
        printf("%d is not a perfect number", number);

    return 0;
}
```