PROGRAM ON STRONG NUMBER:

```
#include <stdio.h>
long long factorial(int n) {
long long fact = 1;
for (int i=1; i<=n; i++) {
fact *= i;
}
return fact;
int isStrong (int num) {
int originalNum = num;
long long sum of factorials = 0;
int digit;
while (num>0) {
digit = num % 10;
sum of factorials += factorial (digit);
num /= 10;
}
if (sum of factorials == originalNum)
return 1;
} else {
return 0;
}
}
int main() {
  int number;
  printf ("Enter a number to check if its a
```

```
strong number :");
scanf("%d", &number);
if (isstrong(number)) {
printf("%d is a strong number.\n", number);
} else {
printf("%d is not a strong number.\n", number);
}
return 0;
}
```

2] PROGRAM ON PERFECT NUMBER :-

```
#include <stdio.h>
int main() {
int number;
int i;
int sum_of_divisors = 0;
printf("Enter a positive integer: ");
scanf("%d", &number);
if (number <= 0) {
printf("Please enter a positive integer.\n");
return 1;
}
```

```
for (i = 1; i < number; i++) {
if (number % i == 0) {
sum_of_divisors += i;
  }
}
if (sum_of_divisors == number) {.
printf ("%d. is a perfect number.\n", number);
} else {
printf ("%d. is not a perfect number.\n",
                                    number);
}
return 0;
}.
```

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