```
{
  dig=n%10;
  sum=sum+dig;
  p=p*dig;
  n=n/10;
}while(n!=0);
  printf("Sum is:%d",sum);
  printf("Product is:%d",p);
}
```

Armstrong Number:

```
#include<stdio.h>
void main(){
int n,cp,dig,sum=0;
printf("Enter any number:");
scanf("%d",&n);
cp=n;
do
{
  dig=n%10;
  sum=sum+dig*dig*dig;
  n=n/10;
}while(n!=0);
if(sum==cp)
  printf("Armstrong Number");
else
  printf("Not an Armstrong Number");
}
```

Armstrong Number from 1 to 1000:

```
#include<stdio.h>
void main(){
int n,temp,dig,sum,limit=1000;
for(n=1; n<=limit; n++)
{
  temp=n;
  sum=0;
  while(n>0)
  {
    dig=n%10;
    sum=sum+(dig*dig*dig);
    n=n/10;
  }
  if(temp==sum)
    printf("%d\n",no);
}
}
```

Reverse of a number:

```
#include<stdio.h>
void main(){
int n,digit,rev=0;
printf("Enter a number");
scanf("%d",&n);
while(n!=0)
{
  digit=n%10;
  rev=rev*10+digit;
  n=n/10;
}
printf("Reverse is: %d",rev);
}
```