Problem Statement:

1.C program to Generate First N Armstrong Numbers where N is given by user.

```c
#include<stdio.h>
#include<conio.h>
#include<math.h>
int main()
{
int n,dc,no,sum,rem,i=2,c=1;
clrscr();
printf("enter how many Armstrong numbers?\n");
scanf("%d",&n);
while(c<=n)
{
no=i;
dc=0;
while(no!=0)
{
dc++;
no=no/10;
}
no=i;
sum=0;
while(no!=0)
{
rem=no%10;
sum=sum+pow(rem,dc);
no=no/10;
}
if(sum==i)
{
printf("%d\t",i);
c++;
```

```
        }
    i++;
    }
    getch();
    return(0);
    }
```