problem 3

write C Program to Check Armstrong Number

$$1634 = 1^4 + 6^4 + 3^4 + 4^4$$

Armstrong Number

expected output:

```
Microsoft Windows [Version 6.3.9600]
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E:\imt school\c pool\p21>gcc main.c

E:\imt school\c pool\p21>a.exe
Enter an integer: 1634
1634 is an Armstrong number.
E:\imt school\c pool\p21>
```