

```
1. #include<stdio.h>
2.  int main()
3.  {
4.  int n,r,sum=0,temp;
5.  printf("enter the number=");
6.  scanf("%d",&n);
7.  temp=n;
8.  while(n>0)
9.  {
10. r=n%10;
11. sum=sum+(r*r*r);
12. n=n/10;
13. }
14. if(temp==sum)
15. printf("armstrong number ");
16. else
17. printf("not armstrong number");
18. return 0;
19. }
```