

/ write a c programme to find a armstrong number */**

```
#include<stdio.h>
```

```
int main()
```

```
{
```

```
    int n,k,rem,sum=0;
```

```
    printf("enter the value of n\n");
```

```
    scanf("%d",&n);
```

```
    k=n;
```

```
    while(n!=0)
```

```
    {
```

```
        rem=n%10;
```

```
        sum=sum+(rem*rem*rem);
```

```
        n=n/10;
```

```
    }
```

```
    if(k==sum)
```

```
        printf("it is an armstrong no");
```

```
    else
```

```
        printf("it is not an armstrong no");
```

```
    return 0;
```

```
}
```

enter the value of n

153

it is an armstrong no

Process exited after 2.893 seconds with return value 0

Press any key to continue . . .

C:\Users\HP\OneDrive\Documents\armstrong no.exe

enter the value of n

153

it is an armstrong no

Process exited after 4.513 seconds with return value 0

Press any key to continue . . .