

62] Write a program to check whether given number is armstrong or not.

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

```
void main()
```

```
{
```

```
int num, digit, cube, sum = 0, temp;
```

```
clrscr();
```

```
printf("Enter an Integer Number:");
```

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

```
temp = num;
```

```
while (num > 0)
```

```
{
```

```
digit = num % 10;
```

```
cube = digit * digit * digit;
```

```
sum = sum + cube;
```

```
num = num / 10;
```

```
}
```

```
If (sum == temp)
```

```
printf("Given number is Armstrong");
```

```
else
```

```
printf("Given Number is not Armstrong");
```

```
getch();
```

```
}
```

output

Enter an Integer Number : 153

Given number is Armstrong.