

Write a c program for finding average of n numbers

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

```
int main()
```

```
{
```

```
    int n, i;
```

```
    float num[100], sum=0.0, average;
```

```
    printf("Enter the numbers of elements:");
```

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

```
    for(i=0; i<n; ++i)
```

```
    {
```

```
        printf("Enter number %d: ", i+1);
```

```
        scanf("%f", &num[i]);
```

```
        sum+=num[i];
```

```
    }
```

```
    average=sum/n;
```

```
    printf("Average = %.2f", average);
```

```
    return 0;
```

```
}
```

Write a c program for voting eligibility.

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

```
int main()
```

```
{
```

```
int age;
```

```
printf("Enter your age: ");
```

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

```
if (age >= 18)
```

```
{
```

```
printf("You are eligible to vote.\n");
```

```
}
```

```
else
```

```
{
```

```
printf("You are not eligible to vote.\n");
```

```
}
```

```
return 0;
```

```
}
```


Write a c program for get square and cube of given values.

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

```
int main()
```

```
{
```

```
    int n, square, cube;
```

```
    printf("Enter an integer: ");
```

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

```
    square = n*n;
```

```
    cube = n*n*n;
```

```
    printf("Square of %d is %d\n", n,  
square);
```

```
    printf("Cube of %d is %d", n, cube);
```

```
    return 0;
```

```
}
```

Write a c program to find given number is divisible by n.

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

```
int main()
```

```
{
```

```
    int n, num;
```

```
    printf("Enter an integer: ");
```

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

```
    printf("Enter n: ");
```

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

```
    // Checks if the number is divisible by n  
    or not
```

```
    if (num % n == 0)
```

```
        printf("%d is divisible by %d", num, n);
```

```
    else
```

```
        printf("%d is not divisible by %d",  
num, n);
```

```
    return 0;
```

```
}
```