```c
#include <stdio.h>
#include <math.h>
float average(int a,int b,int c )
{
    float avg;
    avg=(a+b+c)/3;
    return avg;
}
int main()
{
    float A;
    int x,y,z;
    printf("Enter the values of 3 Integers");
    scanf("%d %d %d",&x,&y,&z);
    A=average(x,y,z);
    printf("the average of 3 numbers is %f",A);
    getch();
    return 0;

}
```

Output :
Enter the values of 3 Integers10
10
10
the average of 3 numbers is 10.000000