

Calculating Average Of 3 Integers Using The 2nd Style Of Function Definition(TS RN)

```
#include <stdio.h>
void average(int,int,int);
int main()
{
    int a,b,c;
    printf("Enter 3 int:");
    scanf("%d %d %d",&a,&b,&c);
    average(a,b,c);
    return 0;
}
void average(int i,int j,int k)
{
    float d;
    d=(float)(i+j+k)/3;
    printf("Average is %f",d);
    return;
}
```

WAP to create a function called showTable() which should accept 2 integers as argument and should print the table of FIRST NUMBER upto the number of terms given by the SECOND NUMBER. Make sure that if number of terms is 0 or negative the function should not print the table and display the message TABLE CANNOT BE PRINTED

SAMPLE OUTPUT

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Enter a num: 7

Enter number of terms: 4

Table of 7

7 * 1 = 7

7 * 2 = 14

7 * 3 = 21

7 * 4 = 28

```

#include <stdio.h>
void showTable(int,int);
int main()
{
    int n,t;
    printf("Enter a num:");
    scanf("%d",&n);
    printf("Enter number of terms:");
    scanf("%d",&t);
    showTable(n,t);
    return 0;
}
void showTable(int n,int t)
{
    int i;
    if(t<=0)
    {
        printf("Table cannot be printed");
    }
    else
    {
        printf("Table of %d",n);
        for(i=1;i<=t;i++)
            printf("\n%d * %d = %d",n,i,n*i);
    }
}

```

Calculating Average Of 3 Integers Using The 3rd Style Of Function Definition(TNRS)

```

#include <stdio.h>
float average();
int main()
{
    float x;
    x=average();
    printf("Average is %f",x);
    return 0;
}
float average()
{
    int a,b,c;
    float d;
    printf("Enter 3 int:");
    scanf("%d %d %d",&a,&b,&c);
    d=(float)(a+b+c)/3;
    return d;
}

```

```

#include <stdio.h>
float average();
int main()
{
    float x;
    x=average();
    printf("Average is %f",x);
    return 0;
}
float average()
{
    int n,i,a,sum=0;
    float x;
    printf("How many numbers ?");
    scanf("%d",&n);
    for(i=1;i<=n;i++)
    {
        printf("Enter %d no:",i);
        scanf("%d",&a);
        sum=sum+a;
    }
    x=(float)sum/n;
    return x;
}

```

Calculating Average Of 3 Integers Using The 4th Style Of Function Definition(TNRN)