

Write a c program for finding the second smallest number among three numbers.

```
#include<stdio.h>
int main()
{
int a,b,c;
scanf("%d%d%d",&a,&b,&c);
if(a<b && a<c)
printf("%d",a);
else if(b<a && b<c)
printf("%d",b);
else
printf("%d",c);
return 0;
}
```

Write a c program to the memory size of all the basic data type variables.

```
#include <stdio.h>
int main()
{
    printf("Size of char: %d byte(s)\n",
sizeof(char));
    printf("Size of int: %d byte(s)\n",
sizeof(int));
    printf("Size of long int: %d byte(s)\n",
sizeof(long));
    printf("Size of long long int: %d byte(s)
\n", sizeof(long long));
    printf("Size of float: %d byte(s)\n",
sizeof(float));
    printf("Size of double: %d byte(s)\n",
sizeof(double));
    printf("Size of long double: %d byte(s)
\n", sizeof(long double));
    return 0;
}
```


Write a c program which converts numbers of days to the year, month, weeks and days.

```
#include <stdio.h>
int main()
{
    int n, year, month, week, days;

    printf("Enter the number of days\n");
    scanf("%d", &n);

    year = n / 365;
    n = n % 365;
    month = n / 30;
    n = n % 30;
    week = n / 7;
    n = n % 7;
    days = n;

    printf("Year = %d\n", year);
    printf("Month = %d\n", month);
    printf("Week = %d\n", week);
    printf("Days = %d\n", days);

    return 0;
}
```

Write a c program to calculate the average of 5 subject marks of a student and printing their mark details.

```
#include<stdio.h>
int main()
{
    float m1,m2,m3,m4,m5,avg;
    printf("Enter the five subject marks:");
    scanf("%f%f%f%f%f",&m1,&m2,&m3,&m4,
    &m5);
    avg=(m1+m2+m3+m4+m5)/5;
    printf("The average of five subject
    marks=%f",avg);
}
```