te a program that checks whether a number is even or odd.

C Programming

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Convert

Rectangle

ODD EVEN

Leap

Max-Min

Sum-Avg

Run   Save

```c
#include<stdio.h>
int main(){
  int i,n;
  printf("Enter any number:");
  scanf("%d",&n);
  if(i%2==0){
    printf("It is an even number");
  }
  else{
    printf("It is an odd number");
  }
  return 0;
}
```

5 6

```c
1 #include<stdio.h>
2 void main(){
3    int m,n,temp;
4    printf("Enter first number:\n");
5    scanf("%d",&m);
6    printf("\nEnter second number:");
7    scanf("%d",&n);
8    if(m!=n){
9    printf("Now m = %d and n = %d",m,n);
10   temp=m;
11   m=n;
12   n=temp;
13   printf("\nAfter swapping the first number m is: %d",m);
14   printf("\nAfter swapping the second number n is: %d",n);
15 }
16 else{
17   printf("\nInvalid input");
18 }}
19
```

```c
1 #include<stdio.h>
2 int main(){
3   float a,b;
4   printf("Enter the first number:");
5   scanf("%f",&a);
6   printf("Enter the second number:");
7   scanf("%f",&b);
8   printf("\nSum of %f + %f = %f",a,b,a+b);
9   printf("\nDifference of %f - %f = %f",a,b,a-b);
10  printf("\nProduct of %f * %f = %f",a,b,a*b);
11  printf("\nQuotient of %f / %f = %f",a,b,a/b);
12  return 0;
13 }
```

Questions

6. Write a program that converts Celsius to Fahrenheit. The formula is Fahrenheit = (Celsius * 1.8) + 32.

Swap 2 No's

Convert

ODD EVEN

Max-Min

Run   Save

```c
1 #include<stdio.h>
2 int main(){
3    float f,c;
4    printf("\nEnter Celsius:");
5    scanf("%f",&c);
6    f=(c*1.8)+32;
7    printf("\nFahrenheit is: %f",f);
8    return 0;
9 }
```

5 6

Run   Save

```c
1 #include<stdio.h>
2 int main(){                                    1704
3    int year;
4    printf("Enter year:");
5    scanf("%d",&year);
6    if((year%4==0) && ((year%400==0) || (year%100!=0))){
7       printf("It is a leap year");}
8    else {
9       printf("It is not a leap year");}
10 return 0;}
```

Enter year:It is a l