

**01) Write a program to input the width and the height of a rectangle and find and display its area.**

```
#include <stdio.h>
int main(){

int width,height,area;

printf("enter width of rectangle:");
scanf("%d",&width);

printf("enter height of rectangle:");
scanf("%d",&height);

area= width*height;
printf("area of the rectangle is %d:",area);
return 0;
}
```

**02) Write a program to input three numbers and find and display the average.**

```
#include <stdio.h>
int main(){
int n1,n2,n3,ave;

printf("Enter number 1:");
scanf("%d",&n1);

printf("Enter number 2:");
scanf("%d",&n2);

printf("Enter number 3:");
scanf("%d",&n3);

ave=(n1+n2+n3)/3;

printf("average is: %d",ave);
return 0;
}
```

**03) Write a program to convert a length given in kilometers to meters.**

```
#include <stdio.h>
int main(){
float l,m;

printf("enter length in kilometers: ");
scanf("%f",&l);

m=l*1000;
printf("Your kilometer length in meters:%.2f",m);
return 0;
}
```

**04) Write a program to calculate the square of a given number.**

```
#include <stdio.h>
int main(){

float n,s;

printf("Enter number: ");
scanf("%f",&n);

s=n*n;
printf("square of a your number is:%.2f",s);

return 0;
}
```

**05) Write a program to enter a “two digit” number and find the sum of two digits**

```
#include <stdio.h>
int main(){

int num,d1,d2,sum;

printf("Enter digit: ");
scanf("%d",&num);

d1=num/10;
d2=num%10;

sum=d1+d2;
printf("Sum of two digits:%d",sum);

return 0;
}
```

**06) Write a program to enter a “two digit” number and reverse the number.**

```
#include <stdio.h>
int main(){

    int num,d1,d2;

    printf("Enter digit: ");
    scanf("%d",&num);

    d1=num/10;
    d2=num%10;

    printf("%d%d",d2,d1);

    return 0;
}
```

**07) Write a program to input temperature in Celsius and display its value in Fahrenheit.**

```
#include <stdio.h>
int main(){

    int c,f;
    printf("Enter temperature in Celsius:");
    scanf("%d",&c);

    f= (9/5)*(c+32);
    printf("Temperature in Fahrenheit:%d",f);
    return 0;
}
```

**08) Write a program to convert a given number of seconds into hours, minutes and seconds.**

```
#include <stdio.h>
int main(){

int t,h,m,s,hr,a;
printf("Enter number:");
scanf("%d",&t);

h=t/3600;
hr=t%3600;
m=hr/60;
a=m*60;
s=hr-a;

printf("in hours:%d\n",h);
printf("in Minutes:%d\n",m);
printf("in seconds:%d\n",s);

return 0;
}
```