1. **Write a C program to add two integers**.

#include <stdio.h>

void main()

{

int a,b,sum=0;

scanf("%d%d", &a,&b);

sum = a+b;

printf("sum=%d",sum);

}

1. **Write a program to swap two numbers using a temporary variable.**

#include <stdio.h>

void main()

{

int a, b, c;

scanf("%d%d", &a,&b);

c = a;

a = b;

b = c;

printf("a=%d\nb=%d\n",a,b);

}

1. **Write a program to swap two numbers without using a temporary variable.**

#include <stdio.h>

void main()

{

int a, b;

scanf("%d%d", &a,&b);

a = a + b;

b = a – b;

a = a -b;

printf("a=%d\nb=%d\n",a,b);

}

1. Write a program to find the ASCII value of a character.

#include <stdio.h>

void main()

{

char ch;

scanf("%c", &ch);

printf("The ASCII value of '%c' is %d.\n", ch, ch);

}

1. Write a program to calculate the area and perimeter of a rectangle.

#include <stdio.h>

void main()

{

int a,b,area;

scanf("%d%d", &a,&b);

area=a\*b;

printf("area=%d",area);

}

1. Write a program to compute the simple interest.

#include <stdio.h>

void main() {

float principal, rate, time, simpleInterest;

scanf("%f%f%f", &principal, &rate,&time);

simpleInterest = (principal \* rate \* time) / 100;

printf("Simple Interest = %.2f\n", simpleInterest);

}

1. Write a program to convert temperature from Celsius to Fahrenheit.

#include <stdio.h>

void main() {

float celsius, fahrenheit;

scanf("%f", &celsius);

fahrenheit = (celsius \* 9 / 5) + 32;

printf("Temperature in Fahrenheit = %.2f\n", fahrenheit);

}

1. Write a program to find the quotient and remainder of two integers.

#include <stdio.h>

void main() {

int dividend, divisor, quotient, remainder;

scanf("%d%d", &dividend,&divisor);

quotient = dividend / divisor;

remainder = dividend % divisor;

printf("Quotient = %d\n", quotient);

printf("Remainder = %d\n", remainder);

}

1. Write a program to check whether a number is even or odd.

#include <stdio.h>

void main() {

int a;

scanf("%d", &a);

if (a % 2 == 0) {

printf("%d is even.\n",a);

} else {

printf("%d is odd.\n", a);

}

}

1. Write a program to calculate the square and cube of a number.

#include <stdio.h>

void main() {

int a,square,cube;

scanf("%d", &a);

square=a\*a;

cube=a\*a\*a;

printf("sum = %d\ncube=%d",square,cube);

}