Level - 0 :

1. Write a program to take input of one number and display it on the monitor.

#include <stdio.h>

int main() {

int num;

printf("Enter a num ");

// reads and stores input

scanf("%d", &num);

// displays output

printf("You entered: %d", num);

return 0;

}

Prints: enter num:12

You entered 12

1. Write a program to take input of two numbers and perform all arithmetic operations on them.

Case: add

#include<stdio.h>

int main()

{

int num1, num2, sum;

printf("Enter a number");

scanf("%d %d",&num1, &num2);

sum = num1+num2;

printf("%d+%d = %d", num1,num2,sum);

return 0;

}

//prints : enter a number:1 3 output: 1+3=4.

Case 2 sub:

#include<stdio.h>

int main()

{

int num1, num2, sub;

printf("Enter a number");

scanf("%d %d",&num1, &num2);

sub = num1-num2;

printf("%d-%d = %d", num1,num2,sub);

return 0;

}­

//prints :enter a number 10 8 output : 10-8=2

Case 3 multiplication

#include<stdio.h>

int main()

{

int num1, num2, multiplication;

printf("Enter a number");

scanf("%d %d",&num1, &num2);

multiplication = num1\*num2;

printf("%d\*%d = %d", num1,num2,multiplication);

return 0;

}

//prints enter a number 12 12 output:12\*12=144

Case 4 Division :

#include<stdio.h>

int main()

{

int num1, num2, Division;

printf("Enter a number");

scanf("%d %d",&num1, &num2);

Division = num1/num2;

printf("%d/%d = %d", num1,num2,Division);

return 0;

} // prints enter a number 12 12 output: 12/12=1

4.Take input of Number of inches and display its equivalent number feet.

#include<stdio.h>

int main()

{

int feet,inches;

printf("enter the value of feet");

scanf("%d",&feet);

inches=feet\*12;

printf("Total inches will be: %d\n",inches);

return 0;

}

//prints enter the value of feet: 5.4

Output: total inches will be 60.

3.Take input of number of feet and convert into inches and display

#include<stdio.h>

int main()

{

int feet,inches;

printf("enter the value of inches");

scanf("%d",&inches);

feet=inches/12;

printf("feet: %d\n",feet);

return 0;

}

//prints:

Input 168

Output 14.

5. Take input of temperature in Fahrenheit and convert into centigrade and display.

int main()

{

float celsius, fahrenheit;

/\* Input temperature in fahrenheit \*/

printf("Enter temperature in Fahrenheit: ");

scanf("%f", &fahrenheit);

/\* Fahrenheit to celsius conversion formula \*/

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

/\* Print the value of celsius \*/

printf("%.2f Fahrenheit = %.2f Celsius", fahrenheit, celsius);

return 0;

}

//Enter temperature in Fahrenheit:200

Output is 93.33

6. Take input of temperature in centigrade and convert into Fahrenheit and display.

int main()

{

float fahr, cel;

printf("Enter the temperature in celsius: ");

scanf("%f", &cel);

fahr = (1.8 \* cel) + 32.0; //temperature conversion formula

printf("\nTemperature in Fahrenheit: %.2f F\n", fahr);

return 0;

}

//Enter the temperature in celsius:50

Temperature in Fahrenheit:122.00f

7.Take input of your name and display.

#include<stdio.h>

void main()

{

printf( " My Name Is sravanthi " );

} //output is My Name Is sravanthi