C program to find the volume and surface area of a cylinder:

#include <stdio.h>

#define PI 3.14159

int main() {

float radius, height, volume, surface\_area;

// Prompt the user to enter radius and height

printf("Enter the radius of the cylinder: ");

scanf("%f", &radius);

printf("Enter the height of the cylinder: ");

scanf("%f", &height);

// Calculate volume and surface area

volume = PI \* radius \* radius \* height;

surface\_area = 2 \* PI \* radius \* radius + 2 \* PI \* radius \* height;

// Display the results

printf("Volume of the cylinder: %.2f\n", volume);

printf("Surface area of the cylinder: %.2f\n", surface\_area);

return 0;

}

C program to calculate the net bonus amount based on years of service:

#include <stdio.h>

int main() {

float salary, bonus = 0.0;

int years\_of\_service;

// Prompt the user to enter salary and years of service

printf("Enter the salary: ");

scanf("%f", &salary);

printf("Enter the years of service: ");

scanf("%d", &years\_of\_service);

// Calculate bonus if years of service is more than 5

if (years\_of\_service > 5) {

bonus = 0.05 \* salary;

}

// Display the net bonus amount

printf("Net bonus amount: %.2f\n", bonus);

return 0;

}

C program to calculate Body Mass Index (BMI):

#include <stdio.h>

int main() {

float weight, height, bmi;

// Prompt the user to enter weight and height

printf("Enter weight (in kilograms): ");

scanf("%f", &weight);

printf("Enter height (in meters): ");

scanf("%f", &height);

// Calculate BMI

bmi = weight / (height \* height);

// Display the BMI

printf("Body Mass Index (BMI): %.2f\n", bmi);

return 0;

}