**Write a program to do the following**

**a) Get input of two float numbers in to variables x & y. receive the mathematical operator (+, -, \*, /) using unformatted I/O into the variable Ch1 and perform operations on x & y and display the result.**

**b) Define the math operator ‘+’ as PLUS, ‘-‘ as MINUS, ‘\*’ as MULT & ‘/’ as DIVIDE using preprocessor directives and do the operations over variables (x,y) defined on above question like z=x PLUS y.**

**c) Get input of your name, address, age in years, weight and height from keyboard and display the information using unformatted I/O (String I/O).**

**#include<stdio.h>//a**

**#include<conio.h>**

**int main()**

**{**

**float x,y,result;**

**char ch1;**

**printf("Enter any two number:\t");**

**scanf("%f%f",&x,&y);**

**printf("\nEnter the mathematical opeartor (+,-,\*,/):\t");**

**ch1=getche();**

**switch(ch1)**

**{**

**case '+':**

**result=x+y;**

**printf("\nSum=%f",result);**

**break;**

**case '-':**

**result=x-y;**

**printf("\nDifference=%f",result);**

**break;**

**case '\*':**

**result=x\*y;**

**printf("\nProduct=%f",result);**

**break;**

**case '/':**

**result=x/y;**

**printf("\nquotient=%f",result);**

**break;**

**default:**

**printf("\nEnter valid mathematical operator");**

**}**

**return 0;**

**}**

**#include<stdio.h>//b**

**#include<conio.h>**

**#define PLUS +**

**#define MINUS -**

**#define MULT \***

**#define DIVIDE /**

**int main()**

**{**

**float x,y,result;**

**char ch1;**

**printf("Enter any two number:\t");**

**scanf("%f%f",&x,&y);**

**printf("\nEnter the mathematical opeartor (+,-,\*,/):\t");**

**ch1=getche();**

**switch(ch1)**

**{**

**case '+':**

**result=x PLUS y;**

**printf("\nSum=%f",result);**

**break;**

**case '-':**

**result=x MINUS y;**

**printf("\nDifference=%f",result);**

**break;**

**case '\*':**

**result=x MULT y;**

**printf("\nProduct=%f",result);**

**break;**

**case '/':**

**result=x DIVIDE y;**

**printf("\nquotient=%f",result);**

**break;**

**default:**

**printf("\nEnter valid mathematical operator");**

**}**

**return 0;**

**}**

**#include<stdio.h>//c**

**#include<conio.h>**

**int main()**

**{**

**char name[20],add[30],age[2],weight[3],height[4];**

**printf("Enter your name:\t");**

**gets(name);**

**printf("Enter your address:\t");**

**gets(add);**

**printf("Enter your age:\t");**

**gets(age);**

**printf("Enter your weight:\t");**

**gets(weight);**

**printf("Enter your height:\t");**

**gets(height);**

**system("cls");**

**puts(name);**

**puts(add);**

**puts(age);**

**puts(weight);**

**puts(height);**

**return 0;**

**}**