**Q. Scientists have determined that**

**the world’s ocean levels are currently rising at about 1.5 millimeters per year. Write a algorithm and**

**draw a flow chart to display the following:**

**● The number of millimeters that the oceans will rise in five years**

**● The number of millimeters that the oceans will rise in seven years**

**● The number of millimeters that the oceans will rise in ten years**

#include<stdio.h>

float main()

{

float rise,r5,r7,r10;

rise = 1.5;

r5=5\*rise;

r7=7\*rise;

r10=10\*rise;

printf("Initial rise : 1.5");

printf("\nRise in 5 years : %f",r5);

printf("\nRise in 7 years : %f",r7);

printf("\nRise in 10 years : %f",r10);

return 0;

}

**Output :**

Initial rise : 1.5

Rise in 5 years : 7.500000

Rise in 7 years : 10.500000

Rise in 10 years : 15.000000

**Q. WAP that allows user to enter value for sales and commission rate. The program will compute sales person's salary by adding basic salary to the product of total salary sales and commission rate.**

#include<stdio.h>

float main()

{

float bs,s,cr,ts;

printf("Enter Basic Salary : ");

scanf("%f",&bs);

printf("Enter Total Sales : ");

scanf("%f",&s);

printf("Enter Commission Rate : ");

scanf("%f",&cr);

ts = bs + (s \* cr); *//Calculating total salary*

printf("Total Salary : %f",ts);

return 0;

}

**Output :**

Enter Basic Salary : 50000

Enter Total Sales : 122

Enter Commission Rate : 8.66

Total Salary : 51056.519531

**Q. WAP that allows user to enter no. of dollars and convert it into Indian Rupee, Euros and Yen.**

#include<stdio.h>

float main()

{

float dollar,inr,euro,yen;

printf("Enter amount in dollar : ");

scanf("%f",&dollar);

inr = dollar \* 79.5; *//Dollar to Rupee*

printf("Amount in Rupee : %f",inr);

euro = dollar \* 1.1; *//Dollar to Euro*

printf("\nAmount in Euro : %f",euro);

yen = dollar \* 144.29; *//Dollar to Yen*

printf("\nAmount in Yen : %f",yen);

return 0;

}

**Output :**

Enter amount in dollar : 765

Amount in Rupee : 60817.500000

Amount in Euro : 841.500000

Amount in Yen : 110381.851562