Let us C

Chapter 1: Getting Started Page No. 19

F.

(c)

Solution: Copy and paste in your Compiler Console then save, compile and run

//Without Loop

#include<stdio.h>

#include<conio.h>

int main()

{

 float a,b,c,d,e;

 printf("Enter the marks out of 100 in five subjects of the student : ");

 scanf("%f%f%f%f%f", &a,&b,&c,&d,&e);

 //his total marks

 printf("\n%f is the aggregate marks obtained by him.", a+b+c+d+e);

 //his percentage marks

 printf("\n%f is the percentage marks obtained by him.", (a+b+c+d+e)/5);

 getch();

 return 0;

}

//Without Loop

#include<stdio.h>

int main()

{

 printf("Enter marks of student\n");

 float array[5],aggregate=0,percentage;

 int i;

 for(i=0;i<5;i++)

 {

 scanf("%f",&array[i]);

 aggregate+=array[i];

 }

 printf("Aggregate Marks of Student are :- %f.\n",aggregate);

 percentage=aggregate/500\*100;

 printf("Percentage of Students is %f.\n",percentage);

 return 0;

 }

(d)

Solution: Copy and paste in your Compiler Console then save, compile and run

#include<stdio.h>

#include<conio.h>

int main()

{

 float f,c;

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

 scanf("%f", &f);

 //conversion of temperature

 c=(f-32)\*100/180;

 printf("\n%f is that temperature in celcius.", c);

 getch();

 return 0;

}

(f)

Solution: Copy and paste in your Compiler Console then save, compile and run

#include <stdio.h>

 int main()

{

 int length=1189,breadth=841,temp,i;

 for(i=0;i<=8;i++)

 {

 printf("The size of A(%d) sheet = %d mm x %d mm.\n",i,length,breadth);

 temp=length;

 length=breadth;

 breadth=temp/2;

 }

 return 0;

}