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;

}