22/11/2023

Write MALP for the following using Floating point arithmetic instructions

1. float no1 = 3.2

double no2 = 0.0002

Read the variables stored in memory and print it to the user

2. float no1;

double no2;

scanf("%f", &no1);

scanf("%lf", &no2);

printf("%f", no1);

printf("%lf", no2);

Get the values of the variables and print it to the user

3. Find the Area of a Circle (pi= 3.1415926535897924). Get the radius value from the user. Assume it to be a single precision floating point value.

4. Covert from �F to �C (�C= ((5.0/9.0)\*(fahrenheit - 32.0)). Get the fahrenheit from the user. Assume it to be a double precision floating point value.

5. Find the output of polinomial ax^2 + bx + c for user-input x. Assume x to be a single precision floating point value.

6. Find the sum of an array of single precision floating point values stored in memory