Practical number 01

#include <stdio.h>

int main()

{

//q1

printf("H.M.M.Savindya\n");

printf("Piliyandala Central College\n");

//q2

printf("\*\n");

printf("\*\*\n");

printf("\*\*\*\n");

printf("\*\*\*\*\n");

printf("\*\*\*\*\*\n");

//q3

int n1= 231;

float n2= 3.77;

double n3= 3.141;

char n4= 'Abcd';

printf("int value: %d\n", n1);

printf("float value: %f\n", n2);

printf("double value: %lf\n", n3);

printf("char value: %c\n", n4);

//q4

int No1,No2,Total;

printf("Enter First Number");

scanf("%d",&No1);

printf("Enter Second Number");

scanf("%d",&No2);

Total=(No1+No2);

printf("The Total is %d\n",Total);

//q5

float no1,no2,Average;

printf("Enter First Number");

scanf("%f",&no1);

printf("Enter Second Number");

scanf("%f",&no2);

Average=(no1+no2)/2;

printf("The Average is %f\n",Average);

//q6

char Name[20];

int Byear,Age;

printf("Enter Your Name");

scanf("%s",&Name);

printf("Enter Birthday year");

scanf("%d",&Byear);

Age=2023-Byear;

printf(" Hey %s \n",Name);

printf("you are %d years old\n",Age);

//q7

void swap(int \*a, int \*b) {

int temp = \*a;

\*a = \*b;

\*b = temp;

}

int num1, num2;

printf("Enter the first number: ");

scanf("%d", &num1);

printf("Enter the second number: ");

scanf("%d", &num2);

printf("Before swapping: num1 = %d, num2 = %d\n", num1, num2);

swap(&num1, &num2);

printf("After swapping: num1 = %d, num2 = %d\n", num1, num2);

//q8

//output

The color: blue

First number: 12345

Second number: 0025

Third number: 1234

Float number: 3.14

Hexadecimal: ff

Octal: 377

Unsigned value: 150

Just print the percentage sign %