Practical 01

1.

#include <stdio.h>

int main()

{

    printf("Amandi Lithara Jayasinghe\n");

    printf("Ananda Sastralaya National School - Mathugama\n");

}

2.

#include <stdio.h>

int main()

{

    printf("\*\n");

    printf("\*\*\n");

    printf("\*\*\*\n");

    printf("\*\*\*\*\n");

    printf("\*\*\*\*\*\n");

}

3.

#include <stdio.h>

int main()

{

    int n1;

    float n2;

    double n3;

    char ch;

    printf("Enter an integer value ");

    scanf("%d", &n1);

    printf("Enter a float value ");

    scanf("%f", &n2);

    printf("Enter a double value ");

    scanf("%lf", &n3);

    printf("Enter a character value ");

    scanf(" %c", &ch);

    printf("int value is %d\n", n1);

    printf("float value is %.2f\n", n2);

    printf("double value is %.6lf\n", n3);

    printf("char value is %c\n", ch);

}

4.

#include <stdio.h>

int main()

{

    int num1,num2,total;

    printf("Enter the first number ");

    scanf("%d", &num1);

    printf("Enter the second number ");

    scanf("%d", &num2);

    total = num1 + num2;

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

}

5.

#include <stdio.h>

int main()

{

    float num1,num2,avg;

    printf("Enter the first number ");

    scanf("%f", &num1);

    printf("Enter the second number ");

    scanf("%f", &num2);

    avg = (num1 + num2) / 2;

    printf("The average is %.4f\n", avg);

}

6.

#include <stdio.h>

int main()

{

    char name[30];

    int b\_yr,age;

    printf("Enter student name ");

    scanf("%s", &name);

    printf("Enter birth year ");

    scanf("%d", &b\_yr);

    age = 2023 - b\_yr;

    printf("The student name is %s\n", name);

    printf("Age is %d\n", age);

}

7.

#include <stdio.h>

int main()

{

   int num1,num2;

    printf("Enter the first number ");

    scanf("%d", &num1);

    printf("Enter the second number ");

    scanf("%d", &num2);

    printf("The first number is %d\n", num2);

    printf("The second number is %d\n", num1);

}

8.

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 %