**PRACTICAL 01: Fundamentals**

01)

#include <stdio.h>

#include <stdlib.h>

int main()

{

printf("Name:Dinuki\n");

printf("School Name:Holy Family Balika Wennappuwa\n");

}

02)

#include <stdio.h>

#include <stdlib.h>

int main()

{

printf("\*\n");

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

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

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

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

}

03)

#include <stdio.h>

#include <stdlib.h>

int main()

{

int integer=19;

float decimal=19.07;

double dec=45.67;

char character='D';

printf("%d\n%f\n%f\n%c",integer,decimal,dec,character);

}

04)#include <stdio.h>

#include <stdlib.h>

int main()

{

int x,y,total;

printf("Enter First Number");

scanf("%d",&x);

printf("Enter Second Number");

scanf("%d",&y);

total=x+y;

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

}

05)

#include <stdio.h>

#include <stdlib.h>

int main()

{

float a,b,avg;

printf("Enter First Number");

scanf("%f",&a);

printf("Enter Second Number");

scanf("%f",&b);

avg=(a+b)/2;

printf("The average is %f",avg);

}

06)

#include <stdio.h>

#include <stdlib.h>

int main()

{

char stdname[20];

int byear,age;

printf("Enter your student name");

scanf("%s",&stdname);

printf("Enter your birth year");

scanf("%d",&byear);

age=2023- byear;

printf("Age is %d",age);

}

07)

#include <stdio.h>

#include <stdlib.h>

int main()

{

int x,y,temp;

printf("Enter two numbers");

scanf("%d %d",&x,&y);

printf("Before swapping a=%d b=%d\n",x,y);

temp=x;

x=y;

y=temp;

printf("After swapping a=%d b=%d",x,y);

}

08)

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 %