# Practical 01

01).

#include <stdio.h>

int main()

{

printf("Amasha Nethmi Chandrasekara\n");

printf("Holy Family Convent\n");

return 0;

}

02).

#include <stdio.h>

int main()

{

printf("\*\n");

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

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

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

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

}

03).

#include <stdio.h>

int main()

{

int x;

float y;

double z;

char word[20];

printf("Enter a value for int:");

scanf("%d",&x);

printf("Enter a value for float:");

scanf("%f",&y);

printf("Enter a value for double:");

scanf("%1f",&z);

printf("Enter a value for char array:");

scanf("%s",&word);

printf("Value of int is %d\n",x);

printf("Value of float is %f\n",y);

printf("Value of double is %f\n",z);

printf("Value of char array is %s\n",word);

}

04).

#include <stdio.h>

int main()

{

//declaring variables

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>

int main()

{

float x,y,avg;

printf("Enter first number");

scanf("%f",&x);

printf("Enter second number");

scanf("%f",&y);

avg=(x+y)/2;

printf("The avg is %2f",avg);

}

06).

#include <stdio.h>

int main()

{

int byear,age;

char name[15];

printf("Enter the student name\n");

scanf("%s",&name);

printf("Enter the birth year\n");

scanf("%d",&byear);

age=2023-byear;

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

}

07).

#include <stdio.h>

int main()

{

int x,y,t;

printf("Enter the value of x and y\n");

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

printf("before swapping numbers:%d %d\n",x,y);

t=x;

x=y;

y=t;

printf("after swapping:%d %d\n",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 %