01.#include <stdio.h>

#include <stdlib.h>

int main()

{

printf("Sanduni\n");

printf("Maliyadewa Model School");

return 0;

}

02. #include <stdio.h>

#include <stdlib.h>

int main()

{

printf("\*\n");

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

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

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

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

return 0;

}

03. #include <stdio.h>

#include <stdlib.h>

int main()

{

int in;

float F;

double D;

char C[10];

printf("Enter a number\n");

scanf("%d",&in);

printf("Enter a number\n");

scanf("%f",&F);

printf("Enter a number\n");

scanf("%lf",&D);

printf("Enter a name\n");

scanf("%s",&C);

printf("You entered value is %d\n",in);

printf("You entered value is %f\n",F);

printf("You entered value is %f\n",D);

printf("You entered name is %s\n",C);

return 0;

}

04. #include <stdio.h>

#include <stdlib.h>

int main()

{

int no1,no2,Total;

printf("Enter the first number");

scanf("%d",&no1);

printf("Enter the second number");

scanf("%d",&no2);

Total=no1+no2;

printf("Total=%d\n",no1,no2,Total);

return 0;

}

05. #include <stdio.h>

#include <stdlib.h>

int main()

{

float x,y,avg,tot;

printf("Enter the first value(fractions):\n");

scanf("%f",&x);

printf("Enter the second value(fractions):\n");

scanf("%f",&y);

tot=x+y;

avg=tot/2;

printf("Average of %f and %f is:%2f",x,y,avg);

return 0;

}

06. #include <stdio.h>

#include <stdlib.h>

int main()

{

int bty,Age;

char name[30];

printf("Enter the student name");

scanf("%s",&name);

printf("Enter the birth year");

scanf("%d",&bty);

Age = 2023- bty;

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

printf("Age:%d\n",Age);

return 0;

}

07. #include <stdio.h>

#include <stdlib.h>

int main()

{

int x,y;

printf("Enter the first value:\n");

scanf("%d",&x);

printf("Enter the second value:\n");

scanf("%d",&y);

printf("Before swapping:first value is %d,\n second value is %d\n",x,y);

int temp=x;

x=y;

y=temp;

printf("After swapping:first number is %d,\n second number is %d\n",x,y);

return 0;

}

08.CODE:

#include <stdio.h>

#include <stdlib.h>

int main()

{

printf("The color: %s\n", "blue");

printf("First number: %d\n", 12345);

printf("Second number: %04d\n", 25);

printf("Third number: %i\n", 1234);

printf("Float number: %3.2f\n", 3.14159);

printf("Hexadecimal: %x\n", 255);

printf("Octal: %o\n", 255);

printf("Unsigned value: %u\n", 150);

printf("Just print the percentage sign %%\n", 10);

return 0;

}

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 %