Practical 01

# 1)

#include <stdio.h> int main()

{

printf("Chamathka Nethmini\n"); printf("Piliyandala Centrel College\n");

}

# 2)

#include <stdio.h> int main()

{

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

}

# 3)

#include <stdio.h> int main()

{ int n1; float n2; double n3; char c1; printf("Enter integer valuve"); scanf("%d",&n1); printf("Enter decimal valuve"); scanf("%f",&n2); printf("Enter decimal valuve"); scanf("%if",&n3); printf("Enter Character"); scanf("%c",&c1);

printf("int valuve is %d \n",n1); printf("float valuve is %.2f \n",n2); printf("double valuve is %if \n",n3); printf("char valuve is %c \n",c1);

}

# 4)

#include <stdio.h> int main()

{ int n1,n2,total; printf("Enter 1st number"); scanf("%d",&n1); printf("Enter 2nd number"); scanf("%d",&n2); total=n1+n2; printf("The total is %d \n",total);

}

# 5)

#include <stdio.h> int main()

{

int n1,n2,avg; printf("Enter 1st number"); scanf("%d",&n1); printf("Enter 2nd number"); scanf("%d",&n2); avg=(n1+n2)/2; printf("The avarage is %d \n",avg);

}

# 6)

#include <stdio.h> int main()

{

char name[20]; int byear,age; printf("Enter student name"); scanf("%s",&name);

printf("Enter birth year"); scanf("%d",&byear); age=2023-byear; printf("Student name is %s \n",name); printf("Student's age is %d \n",age);

}

# 7)

#include <stdio.h> int main()

{

int n1,n2,temp; printf("Enter 1st number"); scanf("%d",&n1); printf("Enter 2nd number"); scanf("%d",&n2); printf("Before swap %d,%d \n",n1,n2); temp=n1; n1=n2; n2=temp; printf("After swap %d,%d \n",n1,n2);

}

# 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 %

Practical 02

# 1)

#include<stdio.h> int main()

{

int age;

printf("HI,HOW OLD ARE YOU?"); scanf("%d",&age); printf("\n\nWELCOME %d \n",age); printf("LET'S BE FRIENDS \n");

}

# 2)

#include <stdio.h> int main()

{

printf("%5d%5d%5d\n", 2, 4, 8); //Right Align

printf("%5d%5d%5d\n", 3, 9,27); //Right Align printf("%5d%5d%5d\n", 4,16,64); //Right Align

}

# 3)

#include <stdio.h> int main()

{

float dis,time,spd; //Input distance in meters printf("Enter the distance traveled");

scanf("%f",&dis); //Input the time in seconds printf("Enter the time taken");

scanf("%f",&time); //process spd=dis/time;

//Output the avarage speed printf("The avarage speed is %.2f m/s \n",spd);

}

# 4)

#include <stdio.h> int main()

{

float f,c;

printf("Enter the tempreture in f"); scanf("%f",&f); c=(5.0/9.0)\*(f-32); printf("The tempreture in c is %.2f c \n",c);

}