PRACTICAL NUMBER -01

Q1)

#include <stdio.h>

int main()

{

printf("Name:Senara Nimni Abeysekara\n");

printf("School:Harischandra National College\n");

return 0;

}

Q2)

#include <stdio.h>

int main()

{

printf("\*\n");

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

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

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

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

return 0;

}

Q3)

#include <stdio.h>

int main()

{ int s;

float h;

double a;

char v[10];

printf("Enter an integer value");

scanf("%d",&s);

printf("Enter a float value");

scanf("%f",&h);

printf("Enter a double value");

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

printf("Enter a char value");

scanf("%s",&v);

printf("%d,%f,%s",s,h,a,v);

return 0;

}

Q4)

#include <stdio.h>

int main()

{ int num1,num2,num3,total;

printf("Enter the first number");

scanf("%d",&num1);

printf("Enter the second number");

scanf("%d",&num2);

total=num1+num2;

printf("Total value is:%d\n",total);

return 0;

}

Q5)

#include <stdio.h>

int main()

{ float num1,num2,total,avg;

printf("Enter the first number");

scanf("%f",&num1);

printf("Enter the second number");

scanf("%f",&num2);

total=num1+num2;

avg=total/2;

printf("Total value is:%f\n",total);

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

return 0;

}

Q6)

#include <stdio.h>

int main()

{

printf("Senara Nimni");

int byear,age;

printf("Enter the birth year");

scanf("%d",&byear);

age=2023-byear;

printf("Hey you are %d years old",age);

return 0;

}

Q7)

#include <stdio.h>

int main()

{

int num1,num2,temp;

printf("Enter the first name");

scanf("%d",&num1);

printf("Enter second name");

scanf("%d",&num2);

printf("Before swap:,num1=%d,num2=%d\n",num1,num2);

temp=num1;

num1=num2;

num2=temp;

printf("After swap:num1=%d,num2=%d\n",num1,num2);

return 0;

}

Q8)

#include <stdio.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;

}